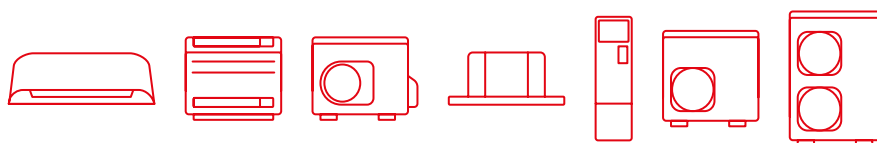


# TOSHIBA

## EXPERIENCE THE FUTURE OF AIR CONDITIONING

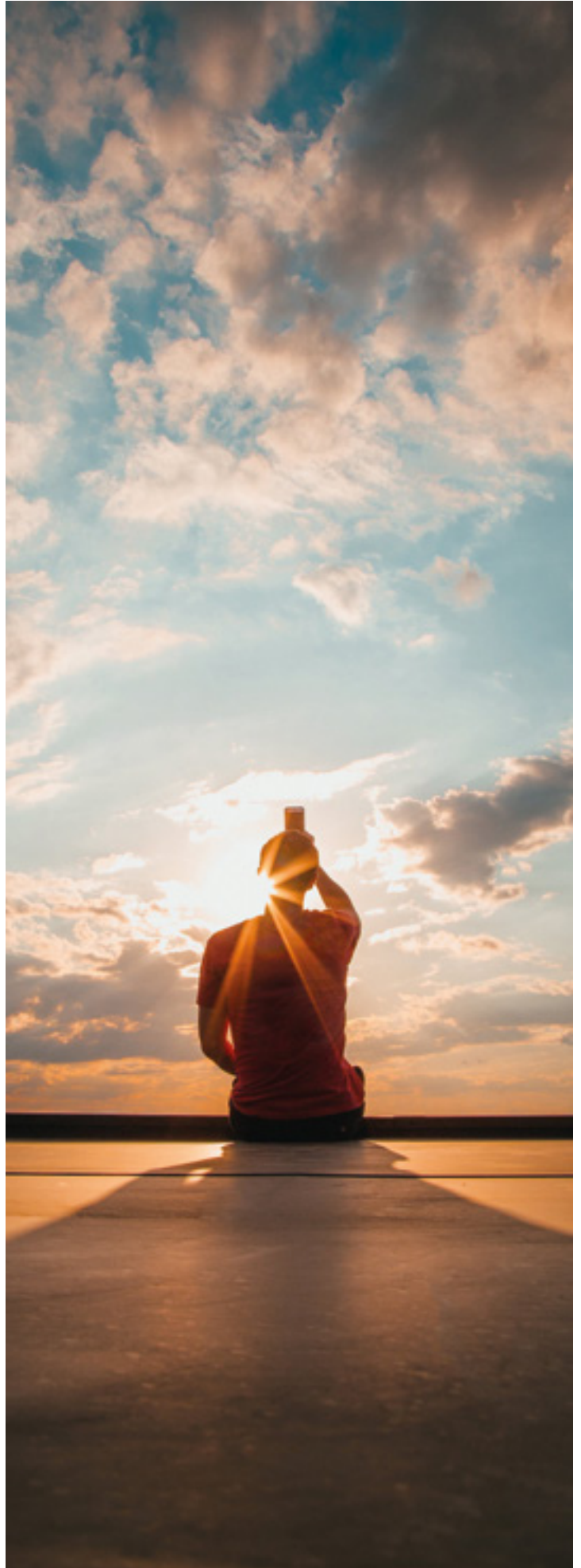


RESIDENTIAL & LIGHT COMMERCIAL UNITS

2025



We create  
the perfect climate  
in **every aspect!**

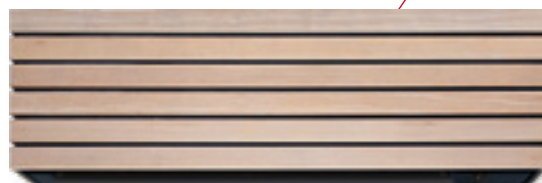


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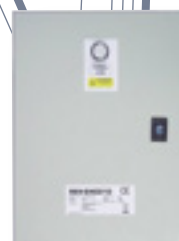
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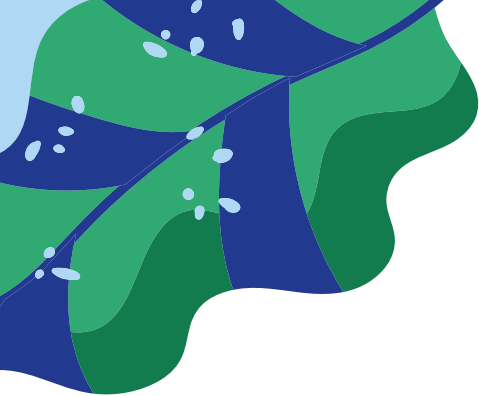
# A Unique Journey towards Innovation



Our story begins about a century and a half ago, in Japan. It was the year 1875, when two Japanese pioneers, Hisashige Tanaka, a genius in mechanics, and Ichisuke Fujioka, a visionary in electricity, decided to combine their talents to create a world of progress centred around humanity. They introduced us to Toshiba's new world; a world aiming to improve people's daily lives.

Fast forward to today, at Toshiba, we continue to work, explore and innovate, remaining committed to our vision. We persist in creating cutting-edge solutions for air conditioning and heating, always being environmentally conscious and dedicated to improving living conditions for everyone.

In the footsteps of our founders, we continue this journey, aspiring to contribute to a better tomorrow for our planet and a higher quality of life for all, through state-of-the-art products and forward-thinking technology.



## Inspired by the Past, Creating the Future

Today, Toshiba stands as an indisputable global leader in the air conditioning market.

Remaining faithful to our founders' vision, we continue on the path they set out: to craft a better tomorrow for our planet and a higher quality of life for everyone, regardless of where they live or reside. Our mission extends beyond providing mere comfort; it is to create the joy of a space with ideal conditions. In other words: **The Perfect Climate!**

Toshiba air conditioners reflect the exact vision and craftsmanship behind every design detail. Our products seamlessly integrate world-class efficiency, high performance, versatile scalability, leading quality, groundbreaking technology and stunning aesthetics, delivering a contemporary air conditioning experience.



## Top-class energy efficiency

- ✓ The world's largest Triple-Rotary Compressor
- ✓ Twin-Rotary Compressors
- ✓ Environmentally friendly refrigerants
- ✓ Optimal temperature control solutions for increased precision



## Entirely scalable solutions

Toshiba Air Conditioning develops cutting edge technologies and advances, that benefit people everywhere by providing the ideal combination of comfort and ecologically superior products, for residential, light commercial and large building applications.





## Superior manufacturing quality

Toshiba Air Conditioning's innovations ensure comprehensive building air conditioning solutions, which have been subject to strict evaluation testing to guarantee world-class reliability. Third party institute certifications for quality, safety and performance, guaranteed (**TÜV, Eurovent, WEEE, RoHS, REACH, Intertek, Keymark**).



## Choose the Expert in Inspired Technologies

All products ensure high operating efficiency and are cost-effective solutions for heating and cooling, guaranteed by their participation in the Eurovent programme. This acts as a guarantee for customers and users, that the products will operate in accordance with the design specifications and that the data published is realistic. Toshiba participates in the Eurovent Certification Performance programme for AC1, AC2 & VRF.

Check ongoing validity of certificate:

**[www.eurovent-certificate.com](http://www.eurovent-certificate.com)**

For Estia certification, refer to Keymark heat pump certification program:

**[www.heatpumpkeymark.com](http://www.heatpumpkeymark.com)**



# Better Air Solutions for a better world



At Toshiba, we've always made sure our projects and objectives are designed with a better future in mind.

Now, more than ever, attitudes are changing as technology continues to revolutionize our world. We don't simply follow or adapt to them; we predict them.

That's why the new generation of Toshiba air conditioners uses the refrigerant R-32 with low global warming potential.

Toshiba Air Conditioning also assesses the impacts of its business activities, products and services on the environment, and sets targets aiming to reduce its footprint and prevent pollution.

**27%**

IMPROVEMENT  
IN ENERGY  
EFFICIENCY

**40%**

REDUCTION  
OF GREENHOUSE  
GAS  
EMISSIONS

**45%**

REDUCTION  
in total volume  
of waste generated  
from 2000 to 2015

**100**

RARE SPECIES  
inhabit Toshiba Group's  
production & business  
sites worldwide

**27%**

SHARE OF  
RENEWABLE  
ENERGY

**59%**

REDUCTION  
in total volume  
of CO<sub>2</sub> emissions  
from 1990 to 2015

**89%**

REDUCTION  
in total volume of  
chemical emissions  
from 2000 to 2015

**62**

BIOTOPES  
created at production  
& business sites  
worldwide  
from 2012 to 2015

Concurrently, Toshiba Group is also conducting group-wide environmental activities based on the recognition of the importance of maintaining and expanding environments for conserving biodiversity.

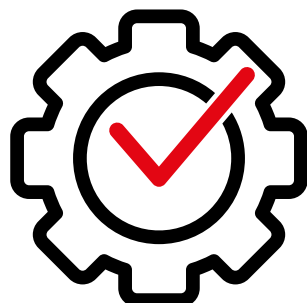






# Only excellence can be named **Toshiba**

Products  
designed  
to perform



Engineered  
to perfection

## **DIGITAL DC TWIN-ROTARY INVERTER COMPRESSOR**

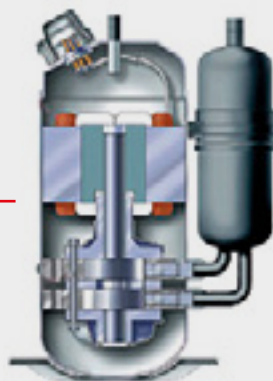
Ensures a steady rotation speed  
and reduces any unwanted vibration.

**The results are unique:**



### **INCREASED EFFICIENCY**

The compressor has  
a particularly high efficiency  
at low rotational speeds  
and during long-running  
steady conditions.



### **HIGH RELIABILITY & LOW NOISE LEVEL**

Stable performance with minimal  
friction loss. The ideal solution for  
noise-sensitive applications.  
The noise of the outdoor unit  
during operation is almost  
negligible, and at the same time,  
it ensures double lifespan for  
the compressor.



### **ENERGY SAVING**

Thanks to the anti-asymmetric  
twin-cylinder rotation,  
the compressor offers great  
energy savings and very powerful  
and reliable operation.

## ENERGY EFFICIENCY BY DESIGN

Toshiba products are designed to optimize energy performance at any time of year. This, in turn, reduces the amount of indirect CO<sub>2</sub> emissions generated by the electricity consumption.

## LOWEST LEVEL REFRIGERANT CHARGE

Toshiba is committed to minimizing the refrigerant charge of its products and has made this a key performance indicator for all new product developments.

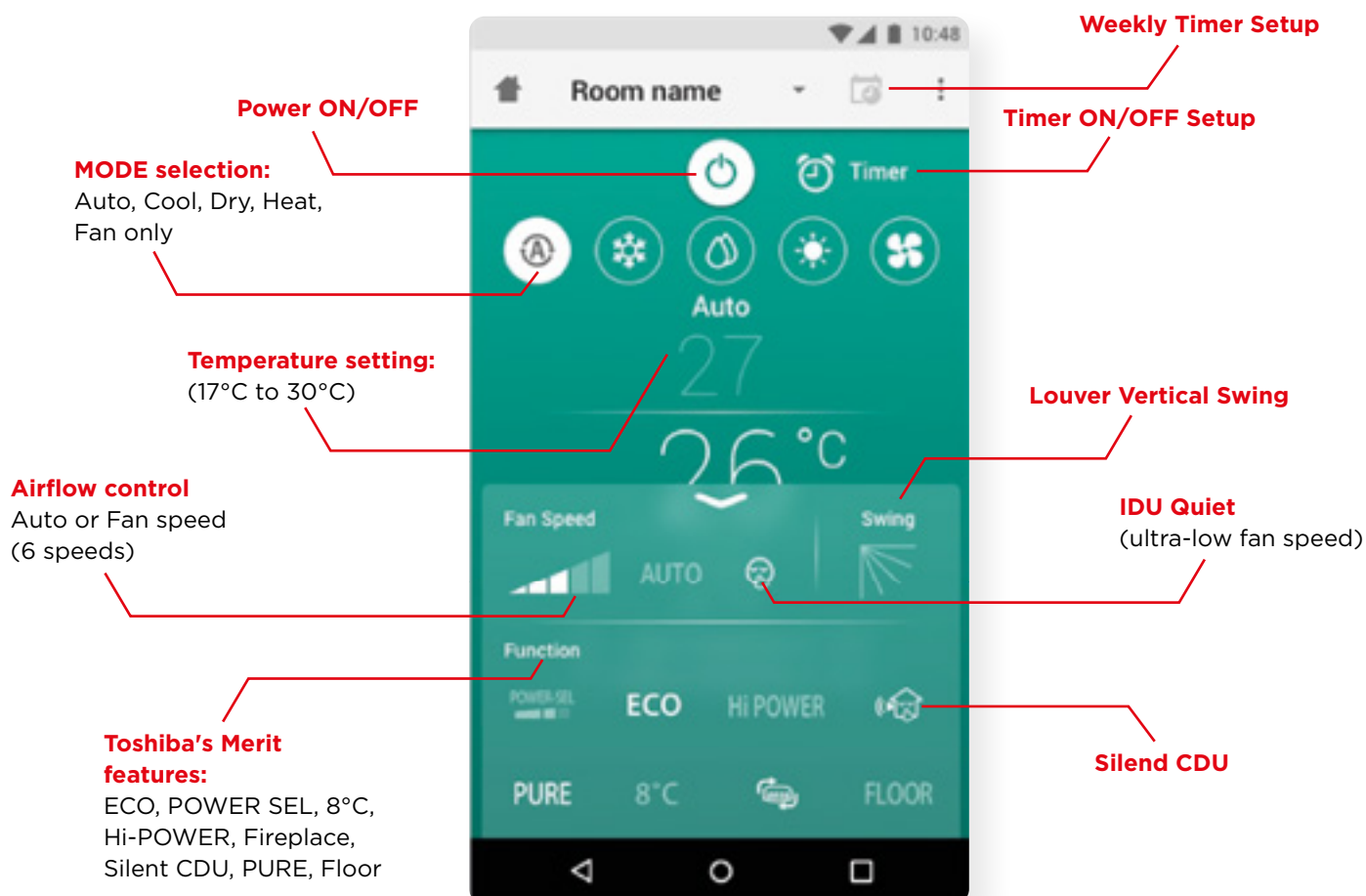
## INNOVATION, EFFICIENCY, HIGH RELIABILITY, ENERGY SAVINGS, ENVIRONMENTAL RESPECT

These are the powerful values at the core of Toshiba's DNA. For over 50 years, Toshiba has been providing its clients with the guaranteed accuracy and expertise of flawless Japanese quality. Technologically advanced, stylish, highly efficient and environmentally friendly, Toshiba Monosplit Units proudly uphold the values rooted firmly in their name.

## TOSHIBA HOME AC CONTROL

The most advanced remote access system in the Air Conditioning market is here and is brought to you by Toshiba. The new application Toshiba Home AC Control gives you full control to your AC unit from wherever you are.

Get... app, **get smart!**



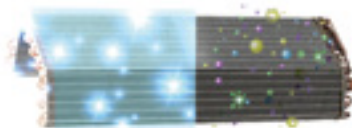
## AIR QUALITY

Indoor air quality is very important for our health. Toshiba knows that and invests, like no other company, in the design of air conditioning units, that ensures high quality indoor air all year long.



### PLASMA IONIZER

Toshiba's powerful Plasma Ionizer accelerates the capture efficiency of air-floating impurities by generating Ozone ( $O_3$ ). When pollutants such as bacteria or viruses make contact with Ozone, they eventually become deactivated through oxidation. Subsequently, Ozone essentially reverts back to Oxygen ( $O_2$ ), making it a very environmentally friendly oxidant. The result is a clean, fresh and healthy environment, rich in Oxygen molecules, without any bad odours.



### MAGIC COIL

Toshiba's innovative, dustless indoor coil coating. Magic Coil creates a slippery surface that dust and dirt find particularly difficult to stick on. This way, impurities get drained out of the unit during defrosting period. This results to an always clean as new coil, without moisture build-up and mold. As the coil keeps clean, energy efficiency is maintained, and healthy, odourless air is circulated through the unit.



### ULTRA PURE FILTER

Ensures a clean atmosphere, free from dust, odors, microorganisms, and fine particles. The Ultra Pure filter offers PM2.5 purification up to 94%. PM2.5 refers to the particulate matter that comes from atmospheric pollution and has a diameter smaller than  $2.5\mu m$ .

# Exceptional Features



## SILENT AND QUIET FUNCTIONS

Toshiba AC units have been designed to ensure the silent operation of both the indoor and the outdoor unit.

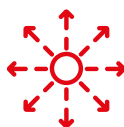
Silent and Quiet functions control noise level, that can reach 19dB(A) for the indoor unit. Even lower than the sound of wind-rustled leaves!



## HADA CARE FLOW

This mode is a set louvre position that generates indirect airflow to users, ensuring better air distribution to homogenize room temperature up to 7 meters away.

In addition, HADA CARE Flow mode creates a stress-free environment for beautiful skin, helping users maintain optimal moisture levels throughout the air conditioner's operation.



## FIREPLACE MODE

With this groundbreaking function, the air conditioner acts as a heat diffuser from other sources that may be present in the room, such as a fireplace or radiator.

In this way it contributes to better heat distribution in the room, maximizing the efficiency of all heating systems available in your room, saving you money.



## JAPANESE DESIGN, UNRIVALLED AESTHETIC

Comfort and effectiveness are always the desirable outcome. But when your AC unit blends in perfectly in your environment thanks to its staple, elegant Japanese design, you know you have made the right choice.





# Extra Features



## ULTRA-PURE FILTER

Provides a clean, dust-free atmosphere, without odours, microorganisms and fine particles. The Ultra Pure filter offers up to 94% purification of PM2.5.

PM2.5 refers to particulate matters coming from atmospheric pollution that have a diameter of less than 2.5 micrometers ( $\mu\text{m}$ ).



## HIGH VOLTAGE PROTECTION

Toshiba air conditioners feature high voltage protection of up to 10.000V, which can be caused by lightning strikes.



## HIGH CORROSION PROTECTION

If you own a residence in a seaside area, then you are definitely aware of the decaying properties of sea salt on most outdoor installations.

Toshiba is well aware of the operating problem rising from a corroded machine and has coated the main parts of the outdoor units with high-level corrosion protection.

With a Toshiba air conditioner, you will never find yourself in front of the heart-breaking image of a rusty machine, which you will soon need to replace.



## HI-POWER MODE

Just press the button on the remote control and the unit will reach the requested temperature in no time, so you enjoy the comfort you want immediately.



## COMFORT SLEEP

The unit will automatically adjust the temperature settings to create the best comfort levels for sleeping hours.



## AUTO-DIAGNOSIS

Notifies the user about possible malfunctions of the unit by displaying a diagnostic message on the remote control screen.



## SELF-CLEAN (EASY CLEAN)

Removes moisture from the inside of the air conditioner, preventing the forming of mold and bacteria, that may cause unpleasant odours, when the unit is switched on.



## ONE-TOUCH USER COMFORT

Stores the user's personal preferences such as desired temperature, airflow speed and other personal comfort settings, so you can retrieve them with a single motion.



#### **POWER SELECT**

The power selection mode is first set at 100%, indicating the compressor operation at its normal rated current.



#### **SILENT CDU**

Silent CDU is Toshiba's unique noise reduction function of the outdoor unit for neighbourhood comfort.



#### **Wi-Fi ACTIVE AND Wi-Fi READY**



#### **LOW AMBIENT KIT**

Allows the unit to operate in cooling mode during the winter's low outdoor temperatures, up to -15°C.



#### **ECO MODE**

The ECO mode achieves even greater energy savings of 25% to 75% as the unit adapts its function to the needs of your space.

This way, the unit only consumes the energy that is really needed.



#### **ON DEMAND & SMART DEFROST**

With Smart Defrost mode, the air conditioner only reverses the cooling cycle when required.

The unit operates for longer periods of time with excellent performance, even in the most adverse winter weather conditions.

At the same time, in extreme winter temperatures, the On Demand Defrost mode can defrost the outdoor unit when the user so wishes, simply by pressing a button on the remote control.

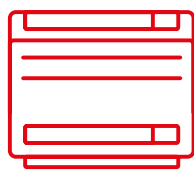
# RESIDENTIAL UNITS

**Home, sweet home!**

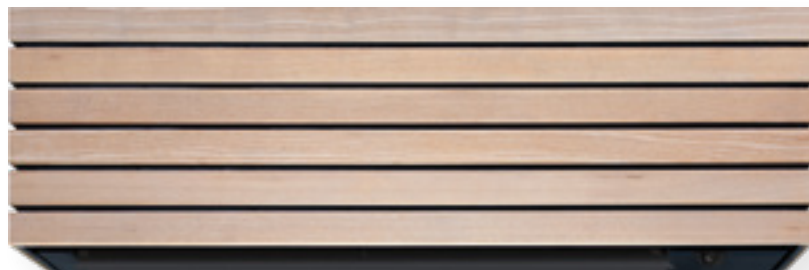
The comfort and intimacy that every house deserves,  
with Toshiba 's commitment to sustainability.

At Toshiba, we aspire to offer you state-of-the-art products and advanced  
technologies, that create the perfect environment for your home!









## DAISEIKAI 10 WOOD



Plasma Air Purifier (Ionizer)



Digital DC Twin-Rotary Inverter



Strong defrost

## Innovative design, state-of-the-art... in wooden form!

The new aesthetic of the DAISEIKAI 10 derives from its material concept - "Go back to the Earth." Its natural wood grill, sourced from PEFC-certified sustainable forests, makes the product unique in the air conditioning and heat pump market. Every wood grill with its own grain, texture and colour tone makes the DAISEIKAI 10 bespoke to each home, while a timeless white panel is also available. Furthermore, recycled materials make up 43% of DAISEIKAI 10's plastic components. Cool and heat your whole home with the highest efficiency ratings available on the market, combined with an exceptional SEER of up to 10.7 for the best in-class performance all year round.



## FEATURES



Top Energy Class A+++ / A+++ both in cooling and heating modes, in warmer zone



Premium Indoor Air Quality: Plasma ionizer that absorbs and decomposes smoke, food smells and bad odours. Ultra Pure filter that captures up to 94% of PM 2.5 particulates.



Advanced louvre control with Smart Sensing mode



Motion Tracking



Resin Coated Coil: Experience long-lasting performance. The special coating on the heat exchanger fins prevents dust and dirt buildup, keeping the coil clean for optimal performance and air quality



HADA CARE Flow for better air distribution in cooling mode



PEFC woods (Programme for the Endorsement of Forest Certification) from controlled forest, is used for the wood grill on the IDU



Ultra quiet system, less than 19 dB(A)\*



Elegant & Modern Design with discreet dimming lights changing colours with cooling and heating modes



Wide Operation Range: DAISEIKAI 10 operates seamlessly down to -20°C ambient temperature in heating mode and up to +46°C in cooling



Wi-Fi Active

\*Noise pressure level at 1m

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA

| OUTDOOR UNIT                      |       | RAS-10S4AVPG-E  |                | RAS-13S4AVPG-E  |                | RAS-18S4AVPG-E  |                |
|-----------------------------------|-------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| INDOOR UNIT                       |       | RAS-B10S4KVDG-E |                | RAS-B13S4KVDG-E |                | RAS-B18S4KVDG-E |                |
| Cooling capacity                  | kW    |                 | 2,50           |                 | 3,50           |                 | 5,00           |
| Cooling capacity                  | BTU/H |                 | 8.530          |                 | 11.943         |                 | 17.061         |
| Cooling range (min.-max.)         | kW    |                 | 0,60-3,50      |                 | 0,90-4,20      |                 | 0,90-6,00      |
| Cooling range (min.-max.)         | BTU/H |                 | 2.047-11.943   |                 | 3.071-14.331   |                 | 3.071-20.473   |
| Power input (min.-rated-max.)     | kW    | C               | 0,16-0,47-0,82 |                 | 0,20-0,80-1,10 |                 | 0,20-1,40-2,20 |
| EER                               | W/W   |                 | 5.32           |                 | 4.38           |                 | 3.57           |
| SEER                              |       |                 | 10.70          |                 | 9.70           |                 | 8.60           |
| Energy efficiency class           |       | C               | A+++           |                 | A+++           |                 | A+++           |
| Seasonal electricity consumption  | kWh/a | C               | 82             |                 | 126            |                 | 203            |
| Heating capacity                  | kW    |                 | 3,20           |                 | 4,00           |                 | 6,00           |
| Heating capacity                  | BTU/H |                 | 10.919         |                 | 13.649         |                 | 20.473         |
| Heating range (min.-max.)         | kW    |                 | 0,65-5,80      |                 | 0,70-6,30      |                 | 0,80-7,20      |
| Heating range (min.-max.)         | BTU/H |                 | 2.218-17.791   |                 | 2.388-21.496   |                 | 2.730-24.567   |
| Power input (min.-rated-max.)     | kW    | H               | 0,16-0,60-1,50 |                 | 0,18-0,80-1,60 |                 | 0,19-1,45-1,90 |
| COP                               | W/W   |                 | 5.33           |                 | 5.00           |                 | 4.14           |
| SCOP (average)                    |       |                 | 5.30           |                 | 5.20           |                 | 4.80           |
| Energy efficiency class (average) |       | H               | A+++           |                 | A+++           |                 | A++            |
| SCOP (warmer)                     |       |                 | 6.20           |                 | 6.20           |                 | 6.50           |
| Energy efficiency class (warmer)  |       | H               | A+++           |                 | A+++           |                 | A+++           |
| Seasonal electricity consumption  | kWh/a | H               | 792            |                 | 969            |                 | 1.312          |

### PHYSICAL DATA INDOOR

| INDOOR UNIT                    |          | RAS-B10S4KVDG-E |             | RAS-B13S4KVDG-E |             | RAS-B18S4KVDG-E |             |
|--------------------------------|----------|-----------------|-------------|-----------------|-------------|-----------------|-------------|
| Airflow (h)                    | m³/h-l/s | C               | 700-194     |                 | 750-208     |                 | 800-222     |
| Airflow (l)                    | m³/h-l/s | C               | 300-83      |                 | 330-91      |                 | 350-97      |
| Sound pressure level (h/l (q)) | dB(A)    | C               | 40/24 (19)  |                 | 41/26 (20)  |                 | 44/25 (22)  |
| Sound power level (h)          | dB(A)    | C               | 53          |                 | 54          |                 | 57          |
| Airflow (h)                    | m³/h-l/s | H               | 750-208     |                 | 800-222     |                 | 810-225     |
| Airflow (l)                    | m³/h-l/s | H               | 330-91      |                 | 360-100     |                 | 370-102     |
| Sound pressure level (h/l (q)) | dB(A)    | H               | 41/25 (19)  |                 | 42/24 (20)  |                 | 45/26 (22)  |
| Sound power level (h)          | dB(A)    | H               | 54          |                 | 55          |                 | 58          |
| Dimensions (H×W×D)             | mm       |                 | 293×940×257 |                 | 293×940×257 |                 | 293×940×257 |
| Weight                         | Kg       |                 | 16          |                 | 16          |                 | 16          |

### PHYSICAL DATA OUTDOOR

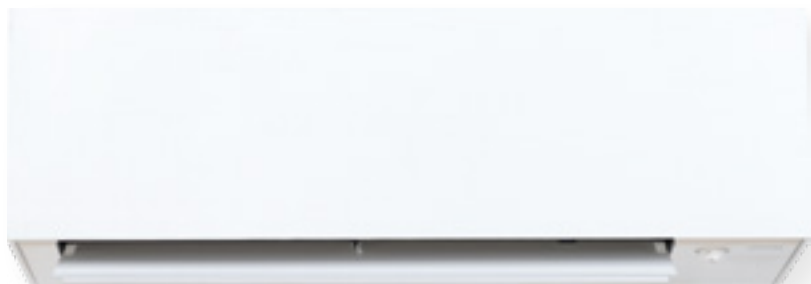
| OUTDOOR UNIT                        |          | RAS-10S4AVPG-E |                | RAS-13S4AVPG-E |                | RAS-18S4AVPG-E |                |
|-------------------------------------|----------|----------------|----------------|----------------|----------------|----------------|----------------|
| Airflow (max)                       | m³/h-l/s | C              | 2.100-583      |                | 2.160-600      |                | 2.220-616      |
| Sound pressure level (h)            | dB(A)    | C              | 44             |                | 45             |                | 47             |
| Sound pressure level (silent CDU#2) | dB(A)    | C              | 40             |                | 41             |                | 42             |
| Sound power level (h)               | dB(A)    | C              | 57             |                | 58             |                | 60             |
| Sound power level (silent CDU#2)    | dB(A)    | C              | 53             |                | 54             |                | 55             |
| Operating range                     | °C       | C              | -15-46         |                | -15-46         |                | -15-46         |
| Airflow (max)                       | m³/h-l/s | H              | 2.100-583      |                | 2.160-600      |                | 2.220-616      |
| Sound pressure level (h)            | dB(A)    | H              | 45             |                | 46             |                | 49             |
| Sound pressure level (silent CDU#2) | dB(A)    | H              | 41             |                | 42             |                | 44             |
| Sound power level (h)               | dB(A)    | H              | 58             |                | 59             |                | 62             |
| Sound power level (silent CDU#2)    | dB(A)    | H              | 54             |                | 55             |                | 57             |
| Operating range                     | °C       | H              | -20-24         |                | -20-24         |                | -20-24         |
| Dimensions (H×W×D)                  | mm       |                | 630×800×300    |                | 630×800×300    |                | 630×800×300    |
| Weight                              | Kg       |                | 38             |                | 38             |                | 38             |
| Compressor type                     |          |                | DC Twin-Rotary |                | DC Twin-Rotary |                | DC Twin-Rotary |
| Flare connections (gas-liquid)      |          |                | 3/8"-1/4"      |                | 3/8"-1/4"      |                | 1/2"-1/4"      |
| Minimum pipe length                 | m        |                | 2              |                | 2              |                | 2              |
| Maximum pipe length                 | m        |                | 25             |                | 25             |                | 25             |
| Maximum height difference           | m        |                | 15             |                | 15             |                | 15             |
| Chargeless pipe length              | m        |                | 15             |                | 15             |                | 15             |
| Refrigerant charging (R-32)         | Kg       |                | 0.96           |                | 0.96           |                | 0.96           |
| Power supply                        | V/Hz/Ph  |                | 220-240/50/1   |                | 220-240/50/1   |                | 220-240/50/1   |

C = Cooling Mode

H = Heating Mode



## DAISEIKAI 10 WHITE



Plasma Air Purifier (Ionizer)



Digital DC Twin-Rotary Inverter



Strong defrost

## Innovative design, state-of-the-art... in white exterior!

The new aesthetic of the DAISEIKAI 10 derives from its material concept - "Go back to the Earth." Its natural wood grill, sourced from PEFC-certified sustainable forests, makes the product unique in the air conditioning and heat pump market. Every wood grill with its own grain, texture and colour tone makes the DAISEIKAI 10 bespoke to each home, while a timeless white panel is also available. Furthermore, recycled materials make up 43% of DAISEIKAI 10's plastic components. Cool and heat your whole home with the highest efficiency ratings available on the market, combined with an exceptional SEER of up to 10.7 for the best in-class performance all year round.



## FEATURES



Top Energy Class A+++ / A+++ both in cooling and heating modes, in warmer zone



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Advanced louvre control with Smart Sensing mode



Motion Tracking



Resin Coated Coil: Experience long-lasting performance. The special coating on the heat exchanger fins prevents dust and dirt buildup, keeping the coil clean for optimal performance and air quality



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Wi-Fi Active

\*Noise pressure level at 1m

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA

| OUTDOOR UNIT                      |       | RAS-10S4AVPG-E   |                | RAS-13S4AVPG-E   |                | RAS-18S4AVPG-E   |                |
|-----------------------------------|-------|------------------|----------------|------------------|----------------|------------------|----------------|
| INDOOR UNIT                       |       | RAS-B10S4KVPGE-E |                | RAS-B13S4KVPGE-E |                | RAS-B18S4KVPGE-E |                |
| Cooling capacity                  | kW    |                  | 2,50           |                  | 3,50           |                  | 5,00           |
| Cooling capacity                  | BTU/H |                  | 8.530          |                  | 11.943         |                  | 17.061         |
| Cooling range (min.-max.)         | kW    |                  | 0,60-3,50      |                  | 0,90-4,20      |                  | 0,90-6,00      |
| Cooling range (min.-max.)         | BTU/H |                  | 2.047-11.943   |                  | 3.071-14.331   |                  | 3.071-20.473   |
| Power input (min.-rated-max.)     | kW    | C                | 0,16-0,47-0,82 |                  | 0,20-0,80-1,10 |                  | 0,20-1,40-2,20 |
| EER                               | W/W   |                  | 5.32           |                  | 4.38           |                  | 3.57           |
| SEER                              |       |                  | 10.70          |                  | 9.70           |                  | 8.60           |
| Energy efficiency class           |       | C                | A+++           |                  | A+++           |                  | A+++           |
| Seasonal electricity consumption  | kWH/a | C                | 82             |                  | 126            |                  | 203            |
| Heating capacity                  | kW    |                  | 3,20           |                  | 4,00           |                  | 6,00           |
| Heating capacity                  | BTU/H |                  | 10.919         |                  | 13.649         |                  | 20.473         |
| Heating range (min.-max.)         | kW    |                  | 0,65-5,80      |                  | 0,70-6,30      |                  | 0,80-7,20      |
| Heating range (min.-max.)         | BTU/H |                  | 2.218-17.791   |                  | 2.388-21.496   |                  | 2.730-24.567   |
| Power input (min.-rated-max.)     | kW    | H                | 0,16-0,60-1,50 |                  | 0,18-0,80-1,60 |                  | 0,19-1,45-1,90 |
| COP                               | W/W   |                  | 5.33           |                  | 5.00           |                  | 4.14           |
| SCOP (average)                    |       |                  | 5.30           |                  | 5.20           |                  | 4.80           |
| Energy efficiency class (average) |       | H                | A+++           |                  | A+++           |                  | A++            |
| SCOP (warmer)                     |       |                  | 6.20           |                  | 6.20           |                  | 6.50           |
| Energy efficiency class (warmer)  |       | H                | A+++           |                  | A+++           |                  | A+++           |
| Seasonal electricity consumption  | kWH/a | H                | 792            |                  | 969            |                  | 1.312          |

### PHYSICAL DATA INDOOR

| INDOOR UNIT                    |          | RAS-B10S4KVPGE-E |             | RAS-B13S4KVPGE-E |             | RAS-B18S4KVPGE-E |             |
|--------------------------------|----------|------------------|-------------|------------------|-------------|------------------|-------------|
| Airflow (h)                    | m³/h-l/s | C                | 700-194     |                  | 750-208     |                  | 800-222     |
| Airflow (l)                    | m³/h-l/s | C                | 300-83      |                  | 330-91      |                  | 350-97      |
| Sound pressure level (h/l (q)) | dB(A)    | C                | 40/24 (19)  |                  | 41/26 (20)  |                  | 44/25 (22)  |
| Sound power level (h)          | dB(A)    | C                | 53          |                  | 54          |                  | 57          |
| Airflow (h)                    | m³/h-l/s | H                | 750-208     |                  | 800-222     |                  | 810-225     |
| Airflow (l)                    | m³/h-l/s | H                | 330-91      |                  | 360-100     |                  | 370-102     |
| Sound pressure level (h/l (q)) | dB(A)    | H                | 41/25 (19)  |                  | 42/24 (20)  |                  | 45/26 (22)  |
| Sound power level (h)          | dB(A)    | H                | 54          |                  | 55          |                  | 58          |
| Dimensions (H×W×D)             | mm       |                  | 293×930×255 |                  | 293×930×255 |                  | 293×930×255 |
| Weight                         | Kg       |                  | 14          |                  | 14          |                  | 14          |

### PHYSICAL DATA OUTDOOR

| OUTDOOR UNIT                        |          | RAS-10S4AVPG-E |                | RAS-13S4AVPG-E |                | RAS-18S4AVPG-E |                |
|-------------------------------------|----------|----------------|----------------|----------------|----------------|----------------|----------------|
| Airflow (max)                       | m³/h-l/s | C              | 2.100-583      |                | 2.160-600      |                | 2.220-616      |
| Sound pressure level (h)            | dB(A)    | C              | 44             |                | 45             |                | 47             |
| Sound pressure level (silent CDU#2) | dB(A)    | C              | 40             |                | 41             |                | 42             |
| Sound power level (h)               | dB(A)    | C              | 57             |                | 58             |                | 60             |
| Sound power level (silent CDU#2)    | dB(A)    | C              | 53             |                | 54             |                | 55             |
| Operating range                     | °C       | C              | -15-46         |                | -15-46         |                | -15-46         |
| Airflow (max)                       | m³/h-l/s | H              | 2.100-583      |                | 2.160-600      |                | 2.220-616      |
| Sound pressure level (h)            | dB(A)    | H              | 45             |                | 46             |                | 49             |
| Sound pressure level (silent CDU#2) | dB(A)    | H              | 41             |                | 42             |                | 44             |
| Sound power level (h)               | dB(A)    | H              | 58             |                | 59             |                | 62             |
| Sound power level (silent CDU#2)    | dB(A)    | H              | 54             |                | 55             |                | 57             |
| Operating range                     | °C       | H              | -20-24         |                | -20-24         |                | -20-24         |
| Dimensions (H×W×D)                  | mm       |                | 630×800×300    |                | 630×800×300    |                | 630×800×300    |
| Weight                              | Kg       |                | 38             |                | 38             |                | 38             |
| Compressor type                     |          |                | DC Twin-Rotary |                | DC Twin-Rotary |                | DC Twin-Rotary |
| Flare connections (gas-liquid)      |          |                | 3/8"-1/4"      |                | 3/8"-1/4"      |                | 1/2"-1/4"      |
| Minimum pipe length                 | m        |                | 2              |                | 2              |                | 2              |
| Maximum pipe length                 | m        |                | 25             |                | 25             |                | 25             |
| Maximum height difference           | m        |                | 15             |                | 15             |                | 15             |
| Chargeless pipe length              | m        |                | 15             |                | 15             |                | 15             |
| Refrigerant charging (R-32)         | Kg       |                | 0.96           |                | 0.96           |                | 0.96           |
| Power supply                        | V/Hz/Ph  |                | 220-240/50/1   |                | 220-240/50/1   |                | 220-240/50/1   |

C = Cooling Mode    H = Heating Mode





HAORI



Ultra Pure Filter



Plasma Ionizer



Fabric Lining

Innovating comfort & aesthetics

HAORI brings stunning aesthetics, first-class efficiency, silent output, and leading air quality to residential air conditioning systems. This innovative AC unit features a highly attractive textile cover that is not only available in a range of standard and optional colours, but offers infinite customization possibilities.



FEATURES



Energy Class A+++ in cooling and in heating modes



Truly elegant design featuring a stylish textile fabric cover. Fabrics with infinite possibilities. Easy to dress, just peel and stick



Toshiba Plasma Ionizer catches and neutralizes the contaminated particles



Ultra-Pure Filter offers up to 94% purification of PM2.5. PM2.5 refers to particulate matters coming from atmospheric pollution



Wi-Fi Active



Power Select and Eco Mode to reduce energy bills, Hi-power for rapid cooling or heating



Louver swing and HADA CARE Flow Operation: Comfortable airflow



Silent Operation (outdoor unit) with Toshiba's unique noise reduction function of outdoor unit



On Demand Defrost: in certain extreme conditions, one can manually defrost at any time



Integrated Wi-Fi to control your air conditioner via the Toshiba Home AC Control app

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA

| OUTDOOR UNIT                      |       | RAS-10J2AVSG-E1  |                | RAS-13J2AVSG-E1 |                | RAS-16J2AVSG-E1 |                |
|-----------------------------------|-------|------------------|----------------|-----------------|----------------|-----------------|----------------|
| INDOOR UNIT                       |       | RAS-B10N4KVRG-E1 |                | RAS-B13N4KVRG-E |                | RAS-B16N4KVRG-E |                |
| Cooling capacity                  | kW    |                  | 2,50           |                 | 3,50           |                 | 4,60           |
| Cooling capacity                  | BTU/H |                  | 8.530          |                 | 11.943         |                 | 15.696         |
| Cooling range (min.-max.)         | kW    |                  | 0,89-3,20      |                 | 1,00-4,10      |                 | 1,20-5,30      |
| Cooling range (min.-max.)         | BTU/H |                  | 3.037-10.919   |                 | 3.412-13.990   |                 | 4.095-18.084   |
| Power input (min.-rated-max.)     | kW    | C                | 0,19-0,54-0,79 |                 | 0,25-0,80-1,12 |                 | 0,34-1,35-1,72 |
| EER                               | W/W   |                  | 4.63           |                 | 4.38           |                 | 3.41           |
| SEER                              |       |                  | 8.60           |                 | 8.70           |                 | 7.80           |
| Energy efficiency class           |       | C                | A+++           |                 | A+++           |                 | A++            |
| Seasonal electricity consumption  | kWh/a | C                | 102            |                 | 142            |                 | 206            |
| Heating capacity                  | kW    |                  | 3,20           |                 | 4,20           |                 | 5,50           |
| Heating capacity                  | BTU/H |                  | 10.919         |                 | 14.331         |                 | 18.767         |
| Heating range (min.-max.)         | kW    |                  | 0,90-4,70      |                 | 1,00-5,30      |                 | 1,10-6,30      |
| Heating range (min.-max.)         | BTU/H |                  | 3.071-16.037   |                 | 3.412-18.084   |                 | 3.753-21.496   |
| Power input (min.-rated-max.)     | kW    | H                | 0,18-0,74-1,23 |                 | 0,20-1,08-1,55 |                 | 0,30-1,52-1,90 |
| COP                               | W/W   |                  | 4.32           |                 | 3.89           |                 | 3.62           |
| SCOP (average)                    |       |                  | 5.10           |                 | 5.10           |                 | 4.60           |
| Energy efficiency class (average) |       | H                | A+++           |                 | A+++           |                 | A++            |
| SCOP (warmer)                     |       |                  | 6.70           |                 | 6.30           |                 | 6.10           |
| Energy efficiency class (warmer)  |       | H                | A+++           |                 | A+++           |                 | A+++           |
| Seasonal electricity consumption  | kWh/a | H                | 684            |                 | 876            |                 | 1.214          |

### PHYSICAL DATA INDOOR

| INDOOR UNIT                |          | RAS-B10N4KVRG-E |             | RAS-B13N4KVRG-E |             | RAS-B16N4KVRG-E |             |
|----------------------------|----------|-----------------|-------------|-----------------|-------------|-----------------|-------------|
| Airflow (h)                | m³/h-l/s | C               | 600-166     |                 | 670-186     |                 | 690-192     |
| Airflow (l)                | m³/h-l/s | C               | 300-83      |                 | 320-89      |                 | 340-94      |
| Sound pressure level (h/q) | dB(A)    | C               | 41/19       |                 | 43/19       |                 | 45/21       |
| Sound power level (h)      | dB(A)    | C               | 54          |                 | 56          |                 | 58          |
| Airflow (h)                | m³/h-l/s | H               | 610-169     |                 | 680-189     |                 | 730-202     |
| Airflow (l)                | m³/h-l/s | H               | 300-86      |                 | 320-89      |                 | 360-100     |
| Sound pressure level (h/q) | dB(A)    | H               | 41/19       |                 | 43/19       |                 | 45/22       |
| Sound power level (h)      | dB(A)    | H               | 54          |                 | 56          |                 | 58          |
| Dimensions (H×W×D)         | mm       |                 | 300×987×210 |                 | 300×987×210 |                 | 300×987×210 |
| Weight                     | Kg       |                 | 11          |                 | 11          |                 | 12          |

### PHYSICAL DATA OUTDOOR

| OUTDOOR UNIT                        |          | RAS-10J2AVSG-E1 |             | RAS-13J2AVSG-E1 |             | RAS-16J2AVSG-E1 |             |
|-------------------------------------|----------|-----------------|-------------|-----------------|-------------|-----------------|-------------|
| Airflow (max)                       | m³/h-l/s | C               | 1.890-524   |                 | 1.950-540   |                 | 2.040-566   |
| Sound pressure level (h)            | dB(A)    | C               | 44          |                 | 46          |                 | 48          |
| Sound pressure level (silent CDU#2) | dB(A)    | C               | 37          |                 | 39          |                 | 40          |
| Sound power level (h)               | dB(A)    | C               | 57          |                 | 59          |                 | 61          |
| Sound power level (silent CDU#2)    | dB(A)    | C               | 50          |                 | 52          |                 | 53          |
| Operating range                     | °C       | C               | -15-46      |                 | -15-46      |                 | -15-46      |
| Airflow (max)                       | m³/h-l/s | H               | 1.890-524   |                 | 1.950-540   |                 | 2.040-566   |
| Sound pressure level (h)            | dB(A)    | H               | 46          |                 | 48          |                 | 50          |
| Sound pressure level (silent CDU#2) | dB(A)    | H               | 39          |                 | 43          |                 | 43          |
| Sound power level (h)               | dB(A)    | H               | 59          |                 | 61          |                 | 63          |
| Sound power level (silent CDU#2)    | dB(A)    | H               | 52          |                 | 56          |                 | 56          |
| Operating range                     | °C       | H               | -15-24      |                 | -15-24      |                 | -15-24      |
| Dimensions (H×W×D)                  | mm       |                 | 550×780×290 |                 | 550×780×290 |                 | 550×780×290 |
| Weight                              | Kg       |                 | 26          |                 | 30          |                 | 33          |
| Compressor type                     |          |                 | DC Rotary   |                 | DC Rotary   |                 | DC Rotary   |
| Flare connections (gas-liquid)      |          |                 | 3/8"-1/4"   |                 | 3/8"-1/4"   |                 | 1/2"-1/4"   |
| Minimum pipe length                 | m        |                 | 2           |                 | 2           |                 | 2           |
| Maximum pipe length                 | m        |                 | 20          |                 | 20          |                 | 20          |
| Maximum height difference           | m        |                 | 12          |                 | 12          |                 | 12          |
| Chargeless pipe length              | m        |                 | 15          |                 | 15          |                 | 15          |
| Refrigerant charging (R-32)         | Kg       |                 | 0.55        |                 | 0.80        |                 | 0.80        |
| Power supply                        | V/Hz/Ph  |                 | 230/50/1    |                 | 230/50/1    |                 | 230/50/1    |

C = Cooling Mode    H = Heating Mode



## EDGE BLACK



Ultra Pure Filter



HADA CARE Flow



Wi-Fi Active

## Minimalism, elegance & comfort... in total black!

Beautify your interior with a new stylish, contemporary design. With its straight lines, matte finish, and invisible piping pre-cuts, the Edge Black fits perfectly with any type of interior. Designed to maximize your comfort.



### FEATURES



Energy Class A+++ in units up to < 3.5kW and A++ in units > 3,5kW in cooling



Ultra-Pure Filter for a clean, healthy, dust-free atmosphere, without PM2.5 fine particles



With HADA CARE Flow (cooling mode), a set louvre position to generate indirect airflow to user, with better air distribution to homogenize room temperature



Wi-Fi Active



Silent Operation (outdoor unit) with Toshiba's unique noise reduction unction of outdoor unit down to 6dB(A) or your neighbourhood comfort



The unit boasts a 3D Smart Airflow system, with independent louvres and 6 patterns for unlimited comfort (only sizes 18, 22 & 24K BTU/H)



8°C heating protects your home and contents from freezing temperatures

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA

| OUTDOOR UNIT                      |       | RAS-10J2AVSG-E1  | RAS-13J2AVSG-E1  | RAS-16J2AVSG-E1  | RAS-18J2AVSG-E1  | RAS-22J2AVSG-E1  | RAS-24J2AVSG-E2  |
|-----------------------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|
| INDOOR UNIT                       |       | RAS-B10G3KVSGB-E | RAS-B13G3KVSGB-E | RAS-B16G3KVSGB-E | RAS-B18G3KVSGB-E | RAS-B22G3KVSGB-E | RAS-B24G3KVSGB-E |
| Cooling capacity                  | kW    | 2,50             | 3,50             | 4,60             | 5,00             | 6,10             | 7,00             |
| Cooling capacity                  | BTU/H | 8.530            | 11.943           | 15.696           | 17.061           | 20.814           | 23.885           |
| Cooling range (min.-max.)         | kW    | 0,89-3,20        | 1,00-4,10        | 1,20-5,30        | 1,20-6,00        | 1,39-6,70        | 1,70-7,70        |
| Cooling range (min.-max.)         | BTU/H | 3.037-10.919     | 3.412-13.990     | 4.095-18.084     | 4.095-20.473     | 4.743-22.861     | 5.801-26.273     |
| Power input (min.-rated-max.)     | kW    | C 0,19-0,54-0,79 | 0,25-0,90-1,12   | 0,34-1,35-1,72   | 0,35-1,42-2,00   | 0,36-1,99-2,20   | 0,38-2,25-2,55   |
| EER                               | W/W   | 4.63             | 3.89             | 3.41             | 3.52             | 3.07             | 3.11             |
| SEER                              |       | 8.60             | 8.60             | 7.80             | 7.30             | 7.30             | 6.30             |
| Energy efficiency class           |       | C A+++           | A+++             | A++              | A++              | A++              | A++              |
| Seasonal electricity consumption  | kWh/a | C 102            | 142              | 206              | 224              | 292              | 389              |
| Heating capacity                  | kW    | 3,20             | 4,20             | 5,50             | 6,00             | 7,00             | 8,00             |
| Heating capacity                  | BTU/H | 10.919           | 14.331           | 18.767           | 20.473           | 23.885           | 27.797           |
| Heating range (min.-max.)         | kW    | 0,90-4,80        | 1,00-5,30        | 1,10-6,50        | 1,10-6,50        | 1,15-7,50        | 1,70-8,80        |
| Heating range (min.-max.)         | BTU/H | 3.071-16.378     | 3.412-18.084     | 3.753-22.179     | 3.753-22.179     | 3.924-25.591     | 5.801-30.027     |
| Power input (min.-rated-max.)     | kW    | H 0,16-0,70-1,23 | 0,20-1,08-1,55   | 0,24-1,52-1,90   | 0,25-1,59-1,75   | 0,26-1,88-2,10   | 0,29-2,35-2,75   |
| COP                               | W/W   | 4.57             | 3.89             | 3.62             | 3.77             | 3.72             | 3.40             |
| SCOP (average)                    |       | 5.10             | 5.10             | 4.60             | 4.60             | 4.60             | 4.10             |
| Energy efficiency class (average) |       | H A+++           | A+++             | A++              | A++              | A++              | A+               |
| SCOP (warmer)                     |       | 6.60             | 6.80             | 5.90             | 6.00             | 6.00             | 5.50             |
| Energy efficiency class (warmer)  |       | H A+++           | A+++             | A+++             | A+++             | A+++             | A+++             |
| Seasonal electricity consumption  | kWh/a | H 686            | 878              | 1.217            | 1.309            | 1.430            | 2.149            |

### PHYSICAL DATA INDOOR

| INDOOR UNIT                |          | RAS-B10G3KVSGB-E | RAS-B13G3KVSGB-E | RAS-B16G3KVSGB-E | RAS-B18G3KVSGB-E | RAS-B22G3KVSGB-E | RAS-B24G3KVSGB-E |
|----------------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|
| Airflow (h)                | m³/h-l/s | C 660-183        | 732-203          | 750-208          | 990-274          | 1.032-286        | 1.122-311        |
| Airflow (l)                | m³/h-l/s | C 312-86         | 342-95           | 360-100          | 570-158          | 690-191          | 720-199          |
| Sound pressure level (h/q) | dB(A)    | C 40/19          | 43/19            | 44/21            | 44/26            | 45/27            | 47/28            |
| Sound power level (h)      | dB(A)    | C 53             | 56               | 57               | 57               | 58               | 60               |
| Airflow (h)                | m³/h-l/s | H 660-183        | 732-203          | 768-213          | 990-274          | 1.080-299        | 1.140-316        |
| Airflow (l)                | m³/h-l/s | H 312-86         | 342-95           | 360-100          | 570-158          | 690-191          | 750-208          |
| Sound pressure level (h/q) | dB(A)    | H 40/19          | 43/19            | 44/22            | 44/26            | 46/27            | 48/28            |
| Sound power level (h)      | dB(A)    | H 53             | 56               | 57               | 57               | 59               | 61               |
| Dimensions (H×W×D)         | mm       | 293×800×226      | 293×800×226      | 293×800×226      | 320×1.053×245    | 320×1.053×245    | 320×1.053×245    |
| Weight                     | Kg       | 10               | 10               | 10               | 14               | 14               | 14               |

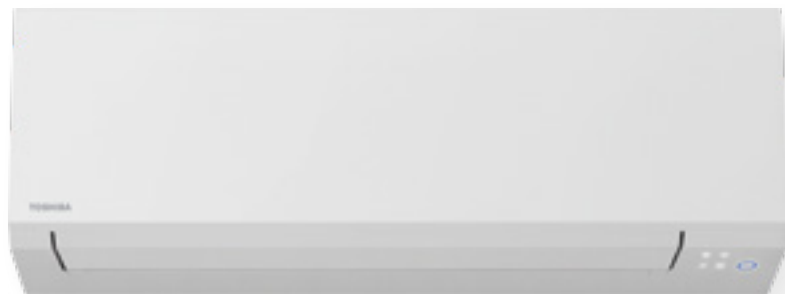
### PHYSICAL DATA OUTDOOR

| OUTDOOR UNIT                        |          | RAS-10J2AVSG-E1 | RAS-13J2AVSG-E1 | RAS-16J2AVSG-E1 | RAS-18J2AVSG-E1 | RAS-22J2AVSG-E1 | RAS-24J2AVSG-E2 |
|-------------------------------------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Airflow (max)                       | m³/h-l/s | C 1.890-524     | 1.950-540       | 2.040-566       | 2.076-576       | 2.184-607       | 2.916-810       |
| Sound pressure level (h)            | dB(A)    | C 44            | 46              | 48              | 48              | 49              | 50              |
| Sound pressure level (silent CDU#2) | dB(A)    | C 37            | 39              | 40              | 42              | 43              | 43              |
| Sound power level (h)               | dB(A)    | C 57            | 59              | 61              | 63              | 62              | 63              |
| Sound power level (silent CDU#2)    | dB(A)    | C 50            | 52              | 53              | 55              | 56              | 56              |
| Operating range                     | °C       | C -15-46        | -15-46          | -15-46          | -15-46          | -15-46          | -15-46          |
| Airflow (max)                       | m³/h-l/s | H 1.890-524     | 1.950-540       | 2.040-566       | 2.076-576       | 2.184-607       | 2.916-810       |
| Sound pressure level (h)            | dB(A)    | H 46            | 48              | 50              | 50              | 51              | 52              |
| Sound pressure level (silent CDU#2) | dB(A)    | H 39            | 43              | 43              | 44              | 46              | 46              |
| Sound power level (h)               | dB(A)    | H 59            | 61              | 63              | 63              | 64              | 65              |
| Sound power level (silent CDU#2)    | dB(A)    | H 52            | 56              | 56              | 57              | 59              | 59              |
| Operating range                     | °C       | H -15-24        | -15-24          | -15-24          | -15-24          | -15-24          | -15-24          |
| Dimensions (H×W×D)                  | mm       | 550×780×290     | 550×780×290     | 550×780×290     | 550×780×290     | 550×780×290     | 630×800×300     |
| Weight                              | Kg       | 26              | 30              | 33              | 34              | 34              | 42              |
| Compressor type                     |          | DC Rotary       | DC Rotary       | DC Rotary       | DC Twin-Rotary  | DC Twin-Rotary  | DC Twin-Rotary  |
| Flare connections (gas-liquid)      |          | 3/8"-1/4"       | 3/8"-1/4"       | 1/2"-1/4"       | 1/2"-1/4"       | 1/2"-1/4"       | 1/2"-1/4"       |
| Minimum pipe length                 | m        | 2               | 2               | 2               | 2               | 2               | 2               |
| Maximum pipe length                 | m        | 20              | 20              | 20              | 20              | 20              | 25              |
| Maximum height difference           | m        | 12              | 12              | 12              | 12              | 12              | 15              |
| Chargeless pipe length              | m        | 15              | 15              | 15              | 15              | 15              | 15              |
| Refrigerant charging (R-32)         | Kg       | 0.55            | 0.80            | 0.80            | 1.10            | 1.10            | 1.14            |
| Power supply                        | V/Hz/Ph  | 230/50/1        | 230/50/1        | 230/50/1        | 230/50/1        | 230/50/1        | 230/50/1        |

C = Cooling Mode H = Heating Mode







**EDGE  
WHITE**



Ultra Pure Filter



HADA CARE Flow



Wi-Fi Active

## Minimalism, elegance & comfort... in total white!

Beautify your interior with a new stylish, contemporary design. With its straight lines, matte finish, and invisible piping pre-cuts, the Edge White fits perfectly with any type of interior. Designed to maximize your comfort.



### FEATURES



Energy Class A+++ in units up to < 3.5kW and A++ in units > 3,5kW in cooling



Ultra-Pure Filter for a clean, healthy, dust-free atmosphere, without PM2.5 fine particles



With HADA CARE Flow (cooling mode), a set louvre position to generate indirect airflow to user, with better air distribution to homogenize room temperature



Wi-Fi Active



Silent Operation (outdoor unit) with Toshiba's unique noise reduction unction of outdoor unit down to 6dB(A) or your neighbourhood comfort



The unit boasts a 3D Smart Airflow system, with independent louvres and 6 patterns for unlimited comfort (only sizes 18, 22 & 24K BTU/H)



8°C heating protects your home and contents from freezing temperatures

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA

| OUTDOOR UNIT                      |       |   | RAS-10J2AVSG-E1 | RAS-13J2AVSG-E1 | RAS-16J2AVSG-E1 | RAS-18J2AVSG-E1 | RAS-22J2AVSG-E1 | RAS-24J2AVSG-E2 |
|-----------------------------------|-------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| INDOOR UNIT                       |       |   | RAS-B10G3KVSG-E | RAS-B13G3KVSG-E | RAS-B16G3KVSG-E | RAS-B18G3KVSG-E | RAS-B22G3KVSG-E | RAS-B24G3KVSG-E |
| Cooling capacity                  | kW    |   | 2,50            | 3,50            | 4,60            | 5,00            | 6,10            | 7,00            |
| Cooling range (min.-max.)         | kW    |   | 0,89-3,20       | 1,00-4,10       | 1,20-5,30       | 1,20-6,00       | 1,39-6,70       | 1,70-7,70       |
| Power input (min.-rated-max.)     | kW    | C | 0,19-0,54-0,79  | 0,25-0,90-1,12  | 0,34-1,35-1,72  | 0,35-1,42-2,00  | 0,36-1,99-2,20  | 0,38-2,25-2,55  |
| EER                               | W/W   |   | 4.63            | 3.89            | 3.41            | 3.52            | 3.07            | 3.11            |
| SEER                              |       |   | 8.60            | 8.60            | 7.80            | 7.30            | 7.30            | 6.30            |
| Energy efficiency class           |       | C | A+++            | A+++            | A++             | A++             | A++             | A++             |
| Seasonal electricity consumption  | kWh/a | C | 102             | 142             | 206             | 242             | 292             | 389             |
| Heating capacity                  | kW    |   | 3,20            | 4,20            | 5,50            | 6,00            | 7,00            | 8,00            |
| Heating range (min.-max.)         | kW    |   | 0,90-4,80       | 1,00-5,30       | 1,10-6,50       | 1,10-6,50       | 1,15-7,50       | 1,70-8,80       |
| Power input (min.-rated-max.)     | kW    | H | 0,16-0,70-1,23  | 0,20-1,08-1,55  | 0,24-1,52-1,90  | 0,25-1,59-1,75  | 0,26-1,88-2,10  | 0,29-2,35-2,75  |
| COP                               | W/W   |   | 4.57            | 3.89            | 3.62            | 3.77            | 3.72            | 3.40            |
| SCOP (average)                    |       |   | 5.10            | 5.10            | 4.60            | 4.60            | 4.60            | 4.10            |
| Energy efficiency class (average) |       | H | A+++            | A+++            | A++             | A++             | A++             | A+              |
| SCOP (warmer)                     |       |   | 6.60            | 6.80            | 5.90            | 6.00            | 6.00            | 5.50            |
| Energy efficiency class (warmer)  |       | H | A+++            | A+++            | A+++            | A+++            | A+++            | A+++            |
| Seasonal electricity consumption  | kWh/a | H | 686             | 878             | 1.217           | 1.309           | 1.430           | 2.149           |

### PHYSICAL DATA INDOOR

| INDOOR UNIT                |          |   | RAS-B10G3KVSG-E | RAS-B13G3KVSG-E | RAS-B16G3KVSG-E | RAS-B18G3KVSG-E | RAS-B22G3KVSG-E | RAS-B24G3KVSG-E |
|----------------------------|----------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Airflow (h)                | m³/h-l/s | C | 660-183         | 732-203         | 750-208         | 990-274         | 1.032-286       | 1.122-311       |
| Airflow (l)                | m³/h-l/s | C | 312-86          | 342-95          | 360-100         | 570-158         | 690-191         | 720-199         |
| Sound pressure level (h/q) | dB(A)    | C | 40/19           | 43/19           | 44/21           | 44/26           | 45/27           | 47/28           |
| Sound power level (h)      | dB(A)    | C | 53              | 56              | 57              | 57              | 58              | 60              |
| Airflow (h)                | m³/h-l/s | H | 660-183         | 732-203         | 768-213         | 990-274         | 1.080-299       | 1.140-316       |
| Airflow (l)                | m³/h-l/s | H | 312-86          | 342-95          | 360-100         | 570-158         | 690-191         | 750-208         |
| Sound pressure level (h/q) | dB(A)    | H | 40/19           | 43/19           | 44/22           | 44/26           | 46/27           | 48/28           |
| Sound power level (h)      | dB(A)    | H | 53              | 56              | 57              | 57              | 59              | 61              |
| Dimensions (H×W×D)         | mm       |   | 293×800×226     | 293×800×226     | 293×800×226     | 320×1.053×245   | 320×1.053×245   | 320×1.053×245   |
| Weight                     | Kg       |   | 10              | 10              | 10              | 14              | 14              | 14              |

### PHYSICAL DATA OUTDOOR

| OUTDOOR UNIT                        |          |   | RAS-10J2AVSG-E1 | RAS-13J2AVSG-E1 | RAS-16J2AVSG-E1 | RAS-18J2AVSG-E1 | RAS-22J2AVSG-E1 | RAS-24J2AVSG-E2 |
|-------------------------------------|----------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Airflow (max)                       | m³/h-l/s | C | 1.890-524       | 1.950-540       | 2.040-566       | 2.076-576       | 2.184-607       | 2.916-810       |
| Sound pressure level (h)            | dB(A)    | C | 44              | 46              | 48              | 48              | 49              | 50              |
| Sound pressure level (silent CDU#2) | dB(A)    | C | 37              | 39              | 40              | 42              | 43              | 43              |
| Sound power level (h)               | dB(A)    | C | 57              | 59              | 61              | 63              | 62              | 63              |
| Sound power level (silent CDU#2)    | dB(A)    | C | 50              | 52              | 53              | 55              | 56              | 56              |
| Operating range                     | °C       | C | -15-46          | -15-46          | -15-46          | -15-46          | -15-46          | -15-46          |
| Airflow (max)                       | m³/h-l/s | H | 1.890-524       | 1.950-540       | 2.040-566       | 2.076-576       | 2.184-607       | 2.916-810       |
| Sound pressure level (h)            | dB(A)    | H | 46              | 48              | 50              | 50              | 51              | 53              |
| Sound pressure level (silent CDU#2) | dB(A)    | H | 39              | 43              | 43              | 44              | 46              | 46              |
| Sound power level (h)               | dB(A)    | H | 59              | 61              | 63              | 63              | 64              | 66              |
| Sound power level (silent CDU#2)    | dB(A)    | H | 52              | 56              | 56              | 57              | 59              | 59              |
| Operating range                     | °C       | H | -15-24          | -15-24          | -15-24          | -15-24          | -15-24          | -15-24          |
| Dimensions (H×W×D)                  | mm       |   | 550×780×290     | 550×780×290     | 550×780×290     | 550×780×290     | 550×780×290     | 630×800×300     |
| Weight                              | Kg       |   | 26              | 30              | 33              | 34              | 34              | 42              |
| Compressor type                     |          |   | DC Rotary       | DC Rotary       | DC Rotary       | DC Twin-Rotary  | DC Twin-Rotary  | DC Twin-Rotary  |
| Flare connections (gas-liquid)      |          |   | 3/8"-1/4"       | 3/8"-1/4"       | 1/2"-1/4"       | 1/2"-1/4"       | 1/2"-1/4"       | 1/2"-1/4"       |
| Minimum pipe length                 | m        |   | 2               | 2               | 2               | 2               | 2               | 2               |
| Maximum pipe length                 | m        |   | 20              | 20              | 20              | 20              | 20              | 25              |
| Maximum height difference           | m        |   | 12              | 12              | 12              | 12              | 12              | 15              |
| Chargeless pipe length              | m        |   | 15              | 15              | 15              | 15              | 15              | 15              |
| Refrigerant charging (R-32)         | Kg       |   | 0.55            | 0.80            | 0.80            | 1.10            | 1.10            | 1.14            |
| Power supply                        | V/Hz/Ph  |   | 230/50/1        | 230/50/1        | 230/50/1        | 230/50/1        | 230/50/1        | 230/50/1        |

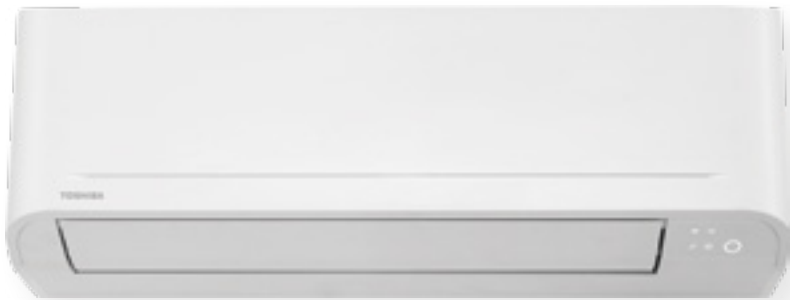
C = Cooling Mode    H = Heating Mode



# INVERTER HI-WALL

TOSHIBA

YUKAI+



Ultra Fresh Filter



Low Noise Level



8°C Heating Mode

## Freshness & efficiency in silent mode

The new YUKAI Plus is Toshiba's latest air conditioning series, ensuring silent operation. Its sleek design and the highest standards of efficiency and comfort maximize energy savings.



### FEATURES



Ultra-Fresh Filter to ensure clean, healthy air by eliminating up to 85% of dust, odors, and microorganisms, creating a pleasant indoor environment



Magic Coil innovative, self-cleaning coating of the heat exchanger



Ultra-quiet operation as low as 19dB(A)



Self-Cleaning Mode



Automatic 8°C heating mode to maintain a stable temperature when the space is unoccupied for long periods



Silent Mode (outdoor unit): reduces outdoor unit noise by 3-4dB(A)



High Power Mode that quickly reaches the desired temperature



On Demand Defrost allows manual defrosting of the outdoor unit at any time in extremely low temperatures



Invisible pre-marked slots for easy pipe connections



Wi-Fi Active

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA

| OUTDOOR UNIT                      |       |   | RAS-10E2AVG-E      | RAS-13E2AVG-E      | RAS-16E2AVG-E      | RAS-18E2AVG-E      | RAS-24E2AVG-E      |
|-----------------------------------|-------|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| INDOOR UNIT                       |       |   | RAS-B10S4KVG-E     | RAS-B13S4KVG-E     | RAS-B16S4KVG-E     | RAS-B18S4KVG-E     | RAS-B24S4KVG-E     |
| Cooling capacity                  | kW    |   | 2,50               | 3,30               | 4,20               | 5,00               | 6,50               |
| Cooling capacity                  | BTU/H |   | 8.530              | 11.260             | 14.330             | 17.061             | 22.179             |
| Cooling range (min.-max.)         | kW    |   | 0,80 - 3,00        | 1,20 - 3,60        | 1,40 - 4,70        | 1,45 - 5,50        | 1,70 - 7,20        |
| Cooling range (min.-max.)         | BTU/H |   | 2.730 - 10.236     | 4.095 - 12.284     | 4.777 - 16.037     | 4.948 - 18.767     | 5.801 - 24.567     |
| Power input (min.-rated-max.)     | kW    | C | 0,20 - 0,70 - 1,00 | 0,25 - 1,10 - 1,25 | 0,34 - 1,27 - 1,60 | 0,34 - 1,50 - 1,80 | 0,41 - 2,25 - 2,60 |
| EER                               | W/W   |   | 3.57               | 3.00               | 3.31               | 3.33               | 2.89               |
| SEER                              |       |   | 7.00               | 7.00               | 7.00               | 7.00               | 6.90               |
| Energy efficiency class           |       | C | A++                | A++                | A++                | A++                | A++                |
| Seasonal electricity consumption  | kWh/a | C | 125                | 165                | 210                | 250                | 330                |
| Heating capacity                  | kW    |   | 3,20               | 3,60               | 5,00               | 5,40               | 7,00               |
| Heating capacity                  | BTU/H |   | 10.919             | 12.284             | 17.061             | 18.426             | 23.885             |
| Heating range (min.-max.)         | kW    |   | 0,95 - 3,90        | 0,97 - 4,50        | 1,30 - 6,00        | 1,35 - 6,00        | 1,50 - 8,10        |
| Heating range (min.-max.)         | BTU/H |   | 3.242 - 13.307     | 3.310 - 15.355     | 4.436 - 20.473     | 4.606 - 20.473     | 5.118 - 27.638     |
| Power input (min.-rated-max.)     | kW    | H | 0,18 - 0,86 - 1,11 | 0,18 - 0,92 - 1,25 | 0,24 - 1,34 - 1,70 | 0,26 - 1,50 - 1,80 | 0,29 - 2,10 - 2,55 |
| COP                               | W/W   |   | 3.72               | 3.91               | 3.73               | 3.60               | 3.33               |
| SCOP (average)                    |       |   | 4.60               | 4.60               | 4.60               | 4.40               | 4.30               |
| Energy efficiency class (average) |       | H | A++                | A++                | A++                | A+                 | A+                 |
| SCOP (warmer)                     |       |   | 5.38               | 5.40               | 5.57               | 5.62               | 5.35               |
| Energy efficiency class (warmer)  |       | H | A+++               | A+++               | A+++               | A+++               | A+++               |
| Seasonal electricity consumption  | kWh/a | H | 730                | 822                | 1095               | 1209               | 1757               |

### PHYSICAL DATA INDOOR

| INDOOR UNIT                |          |   | RAS-B10S4KVG-E  | RAS-B13S4KVG-E  | RAS-B16S4KVG-E  | RAS-B18S4KVG-E  | RAS-B24S4KVG-E |
|----------------------------|----------|---|-----------------|-----------------|-----------------|-----------------|----------------|
| Airflow (h)                | m³/h-l/s | C | 510 - 142       | 540 - 152       | 750 - 208       | 790 - 220       | 1070 - 298     |
| Airflow (l)                | m³/h-l/s | C | 230 - 64        | 250 - 72        | 330 - 92        | 480 - 133       | 660 - 183      |
| Sound pressure level (h/q) | dB(A)    | C | 39/19           | 41/20           | 43/21           | 47/26           | 48/29          |
| Sound power level (h)      | dB(A)    | C | 52              | 54              | 56              | 60              | 61             |
| Airflow (h)                | m³/h-l/s | H | 510 - 144       | 560 - 158       | 760 - 212       | 840 - 233       | 860 - 239      |
| Airflow (l)                | m³/h-l/s | H | 230 - 64        | 271 - 75        | 340 - 94        | 500 - 139       | 730 - 203      |
| Sound pressure level (h/q) | dB(A)    | H | 39/20           | 42/20           | 43/22           | 48/26           | 48/29          |
| Sound power level (h)      | dB(A)    | H | 52              | 55              | 56              | 61              | 61             |
| Dimensions (H×W×D)         | mm       |   | 288 x 770 x 225 | 288 x 770 x 225 | 293 x 798 x 230 | 293 x 798 x 230 | 320x1050x250   |
| Weight                     | Kg       |   | 9               | 9               | 9               | 9               | 15             |

### PHYSICAL DATA OUTDOOR

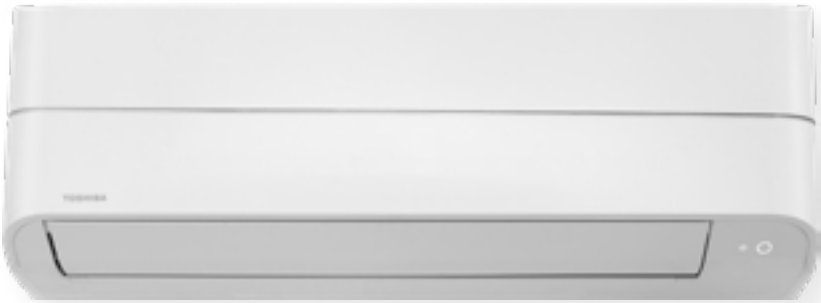
| OUTDOOR UNIT                        |          |   | RAS-10E2AVG-E   | RAS-13E2AVG-E   | RAS-16E2AVG-E | RAS-18E2AVG-E | RAS-24E2AVG-E  |
|-------------------------------------|----------|---|-----------------|-----------------|---------------|---------------|----------------|
| Airflow (max)                       | m³/h-l/s | C | 1.800 - 500     | 1.980 - 550     | 2.160 - 600   | 2.160 - 600   | 2.220 - 617    |
| Sound pressure level (h)            | dB(A)    | C | 47              | 48              | 50            | 50            | 54             |
| Sound pressure level (silent CDU#2) | dB(A)    | C | 43              | 43              | 43            | 44            | 49             |
| Sound power level (h)               | dB(A)    | C | 60              | 61              | 63            | 63            | 67             |
| Sound power level (silent CDU#2)    | dB(A)    | C | 56              | 56              | 56            | 57            | 62             |
| Operating range                     | °C       | C | -15 - 46        | -15 - 46        | -15 - 46      | -15 - 46      | -15 - 46       |
| Airflow (max)                       | m³/h-l/s | H | 1.800 - 500     | 1.980 - 550     | 2.160 - 600   | 2.160 - 600   | 2.220 - 617    |
| Sound pressure level (h)            | dB(A)    | H | 49              | 49              | 51            | 51            | 54             |
| Sound pressure level (silent CDU#2) | dB(A)    | H | 43              | 43              | 46            | 46            | 49             |
| Sound power level (h)               | dB(A)    | H | 62              | 62              | 64            | 64            | 67             |
| Sound power level (silent CDU#2)    | dB(A)    | H | 56              | 56              | 59            | 59            | 62             |
| Operating range                     | °C       | H | -15 - 24        | -15 - 24        | -15-24        | -15-24        | -15-24         |
| Dimensions (H×W×D)                  | mm       |   | 530 x 660 x 240 | 530 x 660 x 240 | 550x780x290   | 550x780x290   | 550x780x290    |
| Weight                              | Kg       |   | 22              | 22              | 30            | 34            | 38             |
| Compressor type                     |          |   | DC Rotary       | DC Rotary       | DC Rotary     | DC Rotary     | DC Twin Rotary |
| Flare connections (gas-liquid)      |          |   | 3/8" - 1/4"     | 3/8" - 1/4"     | 1/2" - 1/4"   | 1/2" - 1/4"   | 1/2" - 1/4"    |
| Minimum pipe length                 | m        |   | 2               | 2               | 2             | 2             | 2              |
| Maximum pipe length                 | m        |   | 15              | 15              | 20            | 20            | 20             |
| Maximum height difference           | m        |   | 12              | 12              | 12            | 12            | 12             |
| Chargeless pipe length              | m        |   | 15              | 15              | 15            | 15            | 15             |
| Refrigerant charging (R-32)         | Kg       |   | 0,49            | 0,54            | 0,68          | 0,93          | 1,18           |
| Power supply                        | V/Hz/Ph  |   | 220-240/1/50    | 220-240/1/50    | 220-240/1/50  | 220-240/1/50  | 220-240/1/50   |

C = Cooling Mode    H = Heating Mode





Essentō



Silent Mode



On Demand Defrost



Magic Coil

Comfort and new technologies

ESSENTO is a comprehensive and high-quality solution with R32 refrigerant, offering A++/A+ cooling and heating performance, leading to real energy savings and comfort all year round.



FEATURES



Silent CDU Mode (outdoor unit) that reduces the noise of the outdoor unit by up to -6dB(A)



Ultra-quiet operation as low as 19dB(A)



On Demand Defrost: In extremely low outdoor temperatures, you can manually defrost the outdoor unit at any time by pressing the SET button for 5 seconds



HI POWER Mode that enables faster cooling or heating operation



Magic Coil innovative, self-cleaning coating of the heat exchanger



Self-Cleaning Mode: Removes moisture from the inside of the air conditioner, preventing mold and bacteria buildup that cause unpleasant odors when the unit starts

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA

| OUTDOOR UNIT                      |       |   | RAS-10B2AVG-E2     | RAS-13B2AVG-E2     | RAS-16B2AVG-E2     | RAS-18B2AVG-E2     | RAS-24B2AVG-E2     |
|-----------------------------------|-------|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| INDOOR UNIT                       |       |   | RAS-B10B2KV2G-E    | RAS-B13B2KV2G-E    | RAS-B16B2KV2G-E    | RAS-B18B2KV2G-E    | RAS-B24B2KV2G-E    |
| Cooling capacity                  | kW    |   | 2,50               | 3,30               | 4,20               | 5,00               | 6,50               |
| Cooling capacity                  | BTU/H |   | 8.530              | 11.260             | 14.330             | 17.061             | 22.179             |
| Cooling range (min.-max.)         | kW    |   | 0,80 - 3,00        | 1,00 - 3,50        | 1,10 - 4,70        | 1,10 - 5,35        | 1,10 - 7,05        |
| Cooling range (min.-max.)         | BTU/H |   | 2.730 - 10.236     | 3.412 - 11.942     | 3.753 - 16.037     | 3.753 - 18.255     | 3.753 - 24.056     |
| Power input (min.-rated-max.)     | kW    | C | 0,26 - 0,75 - 0,95 | 0,25 - 1,20 - 1,25 | 0,28 - 1,40 - 1,70 | 0,30 - 1,78 - 1,90 | 0,30 - 2,45 - 2,50 |
| EER                               | W/W   |   | 3.33               | 2.75               | 3.00               | 2.81               | 2.65               |
| SEER                              |       |   | 6.10               | 6.10               | 6.10               | 6.10               | 6.10               |
| Energy efficiency class           |       | C | A++                | A++                | A++                | A++                | A++                |
| Seasonal electricity consumption  | kWh/a | C | 143                | 189                | 241                | 287                | 373                |
| Heating capacity                  | kW    |   | 3,20               | 3,60               | 5,00               | 5,40               | 7,00               |
| Heating capacity                  | BTU/H |   | 10.919             | 12.284             | 17.061             | 18.426             | 23.885             |
| Heating range (min.-max.)         | kW    |   | 0,76 - 3,90        | 0,76 - 4,30        | 0,90 - 6,00        | 1,10 - 6,00        | 1,20 - 7,90        |
| Heating range (min.-max.)         | BTU/H |   | 2.593 - 13.307     | 2.593 - 14.672     | 3.071 - 20.473     | 3.753 - 20.473     | 4.095 - 26.956     |
| Power input (min.-rated-max.)     | kW    | H | 0,21 - 0,84 - 1,11 | 0,18 - 1,02 - 1,34 | 0,22 - 1,45 - 1,90 | 0,27 - 1,67 - 1,88 | 0,23 - 2,00 - 2,30 |
| COP                               | W/W   |   | 3.81               | 3.53               | 3.45               | 3.23               | 3.50               |
| SCOP (average)                    |       |   | 4.00               | 4.00               | 4.00               | 4.00               | 4.00               |
| Energy efficiency class (average) |       | H | A+                 | A+                 | A+                 | A+                 | A+                 |
| SCOP (warmer)                     |       |   | 4.60               | 4.60               | 4.60               | 4.70               | 4.80               |
| Energy efficiency class (warmer)  |       | H | A++                | A++                | A++                | A++                | A++                |
| Seasonal electricity consumption  | kWh/a | H | 735                | 805                | 1.155              | 1.294              | 1.539              |

### PHYSICAL DATA INDOOR

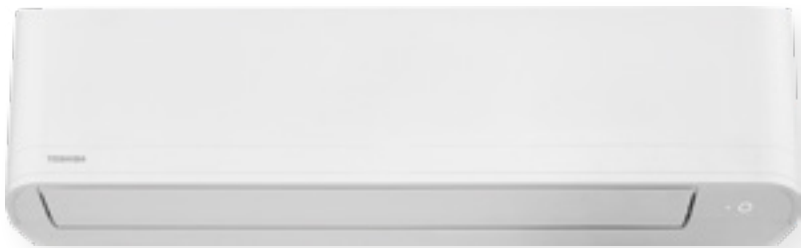
| INDOOR UNIT                |          |   | RAS-B10B2KV2G-E | RAS-B13B2KV2G-E | RAS-B16B2KV2G-E | RAS-B18B2KV2G-E | RAS-B24B2KV2G-E |
|----------------------------|----------|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Airflow (h)                | m³/h-l/s | C | 630 - 175       | 660 - 184       | 780 - 217       | 820 - 228       | 1.100 - 306     |
| Airflow (l)                | m³/h-l/s | C | 230 - 64        | 230 - 64        | 330 - 92        | 480 - 133       | 660 - 183       |
| Sound pressure level (h/q) | dB(A)    | C | 42/19           | 43/19           | 45/22           | 47/26           | 48/29           |
| Sound power level (h)      | dB(A)    | C | 55              | 56              | 58              | 60              | 61              |
| Airflow (h)                | m³/h-l/s | H | 630 - 175       | 630 - 175       | 770 - 214       | 850 - 236       | 880 - 245       |
| Airflow (l)                | m³/h-l/s | H | 230 - 64        | 230 - 64        | 340 - 94        | 500 - 139       | 730 - 203       |
| Sound pressure level (h/q) | dB(A)    | H | 41/20           | 42/20           | 44/23           | 48/26           | 48/29           |
| Sound power level (h)      | dB(A)    | H | 54              | 55              | 57              | 61              | 61              |
| Dimensions (H×W×D)         | mm       |   | 288 x 770 x 225 | 288 x 770 x 225 | 293 x 798 x 230 | 293 x 798 x 230 | 320x1050x250    |
| Weight                     | Kg       |   | 9               | 9               | 9               | 9               | 13              |

### PHYSICAL DATA OUTDOOR

| OUTDOOR UNIT                        |          |   | RAS-10B2AVG-E2  | RAS-13B2AVG-E2  | RAS-16B2AVG-E2 | RAS-18B2AVG-E2 | RAS-24B2AVG-E2 |
|-------------------------------------|----------|---|-----------------|-----------------|----------------|----------------|----------------|
| Airflow (max)                       | m³/h-l/s | C | 1.800 - 500     | 1.980 - 550     | 2.160 - 600    | 2.160 - 600    | 2.220 - 617    |
| Sound pressure level (h)            | dB(A)    | C | 49              | 50              | 52             | 52             | 56             |
| Sound pressure level (silent CDU#2) | dB(A)    | C | 45              | 45              | 45             | 46             | 51             |
| Sound power level (h)               | dB(A)    | C | 62              | 63              | 65             | 65             | 69             |
| Sound power level (silent CDU#2)    | dB(A)    | C | 58              | 58              | 58             | 59             | 64             |
| Operating range                     | °C       | C | -15 - 46        | -15 - 46        | -15 - 46       | -15 - 46       | -15 - 46       |
| Airflow (max)                       | m³/h-l/s | H | 1.800 - 500     | 1.980 - 550     | 2.160 - 600    | 2.160 - 600    | 2.220 - 617    |
| Sound pressure level (h)            | dB(A)    | H | 51              | 52              | 53             | 53             | 57             |
| Sound pressure level (silent CDU#2) | dB(A)    | H | 45              | 45              | 47             | 48             | 51             |
| Sound power level (h)               | dB(A)    | H | 64              | 65              | 66             | 66             | 70             |
| Sound power level (silent CDU#2)    | dB(A)    | H | 58              | 58              | 60             | 61             | 64             |
| Operating range                     | °C       | H | -15 - 24        | -15 - 24        | -15 - 24       | -15 - 24       | -15 - 24       |
| Dimensions (H×W×D)                  | mm       |   | 530 x 660 x 240 | 530 x 660 x 240 | 550x780x290    | 550x780x290    | 550x780x290    |
| Weight                              | Kg       |   | 21              | 22              | 26             | 29             | 32             |
| Compressor type                     |          |   | DC Rotary       | DC Rotary       | DC Rotary      | DC Rotary      | DC Rotary      |
| Flare connections (gas-liquid)      |          |   | 3/8" - 1/4"     | 3/8" - 1/4"     | 1/2" - 1/4"    | 1/2" - 1/4"    | 1/2" - 1/4"    |
| Minimum pipe length                 | m        |   | 2               | 2               | 2              | 2              | 2              |
| Maximum pipe length                 | m        |   | 10              | 10              | 15             | 15             | 15             |
| Maximum height difference           | m        |   | 8               | 8               | 8              | 8              | 8              |
| Chargeless pipe length              | m        |   | 10              | 10              | 10             | 10             | 10             |
| Refrigerant charging (R-32)         | Kg       |   | 0,51            | 0,58            | 0,68           | 0,93           | 1,23           |
| Power supply                        | V/Hz/Ph  |   | 220-240/1/50    | 220-240/1/50    | 220-240/1/50   | 220-240/1/50   | 220-240/1/50   |

C = Cooling Mode    H = Heating Mode





Ultra Fresh Filter



Low Noise Level



8°C Heating Mode

Unmatched reliability & maximum energy efficiency!

The new ZENTO series by Toshiba is designed for maximum energy efficiency and outstanding performance. Thanks to Toshiba's innovative technologies, you can enjoy excellent operation with low noise levels and cost-effective energy consumption.



FEATURES



Silent CDU Mode (outdoor unit) that reduces the noise of the outdoor unit by up to -6dB(A)



Ultra-quiet operation as low as 19dB(A)



On Demand Defrost: In extremely low outdoor temperatures, you can manually defrost the outdoor unit at any time by pressing the SET button for 5 seconds



HI POWER Mode that enables faster cooling or heating operation



Magic Coil innovative, self-cleaning coating of the heat exchanger



Self-Cleaning Mode: Removes moisture from the inside of the air conditioner, preventing mold and bacteria buildup that cause unpleasant odors when the unit starts

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA

| OUTDOOR UNIT                      |       |   | RAS-10B2AVG-E2     | RAS-13B2AVG-E2     | RAS-16B2AVG-E2     | RAS-18B2AVG-E2     | RAS-24B2AVG-E2     |
|-----------------------------------|-------|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| INDOOR UNIT                       |       |   | RAS-B10B2KV2G-E    | RAS-B13B2KV2G-E    | RAS-B16B2KV2G-E    | RAS-B18B2KV2G-E    | RAS-B24B2KV2G-E    |
| Cooling capacity                  | kW    |   | 2,50               | 3,30               | 4,20               | 5,00               | 6,50               |
| Cooling capacity                  | BTU/H |   | 8.530              | 11.260             | 14.330             | 17.061             | 22.179             |
| Cooling range (min.-max.)         | kW    |   | 0,80 - 3,00        | 1,00 - 3,50        | 1,10 - 4,70        | 1,10 - 5,35        | 1,10 - 7,05        |
| Cooling range (min.-max.)         | BTU/H |   | 2.730 - 10.236     | 3.412 - 11.942     | 3.753 - 16.037     | 3.753 - 18.255     | 3.753 - 24.056     |
| Power input (min.-rated-max.)     | kW    | C | 0,26 - 0,75 - 0,95 | 0,25 - 1,20 - 1,25 | 0,28 - 1,40 - 1,70 | 0,30 - 1,78 - 1,90 | 0,30 - 2,45 - 2,50 |
| EER                               | W/W   |   | 3.33               | 2.75               | 3.00               | 2.81               | 2.65               |
| SEER                              |       |   | 6.10               | 6.10               | 6.10               | 6.10               | 6.10               |
| Energy efficiency class           |       | C | A++                | A++                | A++                | A++                | A++                |
| Seasonal electricity consumption  | kWh/a | C | 143                | 189                | 241                | 287                | 373                |
| Heating capacity                  | kW    |   | 3,20               | 3,60               | 5,00               | 5,40               | 7,00               |
| Heating capacity                  | BTU/H |   | 10.919             | 12.284             | 17.061             | 18.426             | 23.885             |
| Heating range (min.-max.)         | kW    |   | 0,76 - 3,90        | 0,76 - 4,30        | 0,90 - 6,00        | 1,10 - 6,00        | 1,20 - 7,90        |
| Heating range (min.-max.)         | BTU/H |   | 2.593 - 13.307     | 2.593 - 14.672     | 3.071 - 20.473     | 3.753 - 20.473     | 4.095 - 26.956     |
| Power input (min.-rated-max.)     | kW    | H | 0,21 - 0,84 - 1,11 | 0,18 - 1,02 - 1,34 | 0,22 - 1,45 - 1,90 | 0,27 - 1,67 - 1,88 | 0,23 - 2,00 - 2,30 |
| COP                               | W/W   |   | 3.81               | 3.53               | 3.45               | 3.23               | 3.50               |
| SCOP (average)                    |       |   | 4.00               | 4.00               | 4.00               | 4.00               | 4.00               |
| Energy efficiency class (average) |       | H | A+                 | A+                 | A+                 | A+                 | A+                 |
| SCOP (warmer)                     |       |   | 4.60               | 4.60               | 4.60               | 4.70               | 4.80               |
| Energy efficiency class (warmer)  |       | H | A++                | A++                | A++                | A++                | A++                |
| Seasonal electricity consumption  | kWh/a | H | 735                | 805                | 1.155              | 1.294              | 1.539              |

### PHYSICAL DATA INDOOR

| INDOOR UNIT                |          |   | RAS-B10B2KV2G-E | RAS-B13B2KV2G-E | RAS-B16B2KV2G-E | RAS-B18B2KV2G-E | RAS-B24B2KV2G-E |
|----------------------------|----------|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Airflow (h)                | m³/h-l/s | C | 630 - 175       | 660 - 184       | 780 - 217       | 820 - 228       | 1.100 - 306     |
| Airflow (l)                | m³/h-l/s | C | 230 - 64        | 230 - 64        | 330 - 92        | 480 - 133       | 660 - 183       |
| Sound pressure level (h/q) | dB(A)    | C | 42/19           | 43/19           | 45/22           | 47/26           | 48/29           |
| Sound power level (h)      | dB(A)    | C | 55              | 56              | 58              | 60              | 61              |
| Airflow (h)                | m³/h-l/s | H | 630 - 175       | 630 - 175       | 770 - 214       | 850 - 236       | 880 - 245       |
| Airflow (l)                | m³/h-l/s | H | 230 - 64        | 230 - 64        | 340 - 94        | 500 - 139       | 730 - 203       |
| Sound pressure level (h/q) | dB(A)    | H | 41/20           | 42/20           | 44/23           | 48/26           | 48/29           |
| Sound power level (h)      | dB(A)    | H | 54              | 55              | 57              | 61              | 61              |
| Dimensions (H×W×D)         | mm       |   | 288 x 770 x 225 | 288 x 770 x 225 | 293 x 798 x 230 | 293 x 798 x 230 | 320x1050x250    |
| Weight                     | Kg       |   | 9               | 9               | 9               | 9               | 13              |

### PHYSICAL DATA OUTDOOR

| OUTDOOR UNIT                        |          |   | RAS-10B2AVG-E2  | RAS-13B2AVG-E2  | RAS-16B2AVG-E2 | RAS-18B2AVG-E2 | RAS-24B2AVG-E2 |
|-------------------------------------|----------|---|-----------------|-----------------|----------------|----------------|----------------|
| Airflow (max)                       | m³/h-l/s | C | 1.800 - 500     | 1.980 - 550     | 2.160 - 600    | 2.160 - 600    | 2.220 - 617    |
| Sound pressure level (h)            | dB(A)    | C | 49              | 50              | 52             | 52             | 56             |
| Sound pressure level (silent CDU#2) | dB(A)    | C | 45              | 45              | 45             | 46             | 51             |
| Sound power level (h)               | dB(A)    | C | 62              | 63              | 65             | 65             | 69             |
| Sound power level (silent CDU#2)    | dB(A)    | C | 58              | 58              | 58             | 59             | 64             |
| Operating range                     | °C       | C | -15 - 46        | -15 - 46        | -15 - 46       | -15 - 46       | -15 - 46       |
| Airflow (max)                       | m³/h-l/s | H | 1.800 - 500     | 1.980 - 550     | 2.160 - 600    | 2.160 - 600    | 2.220 - 617    |
| Sound pressure level (h)            | dB(A)    | H | 51              | 52              | 53             | 53             | 57             |
| Sound pressure level (silent CDU#2) | dB(A)    | H | 45              | 45              | 47             | 48             | 51             |
| Sound power level (h)               | dB(A)    | H | 64              | 65              | 66             | 66             | 70             |
| Sound power level (silent CDU#2)    | dB(A)    | H | 58              | 58              | 60             | 61             | 64             |
| Operating range                     | °C       | H | -15 - 24        | -15 - 24        | -15 - 24       | -15 - 24       | -15 - 24       |
| Dimensions (H×W×D)                  | mm       |   | 530 x 660 x 240 | 530 x 660 x 240 | 550x780x290    | 550x780x290    | 550x780x290    |
| Weight                              | Kg       |   | 21              | 22              | 26             | 29             | 32             |
| Compressor type                     |          |   | DC Rotary       | DC Rotary       | DC Rotary      | DC Rotary      | DC Rotary      |
| Flare connections (gas-liquid)      |          |   | 3/8" - 1/4"     | 3/8" - 1/4"     | 1/2" - 1/4"    | 1/2" - 1/4"    | 1/2" - 1/4"    |
| Minimum pipe length                 | m        |   | 2               | 2               | 2              | 2              | 2              |
| Maximum pipe length                 | m        |   | 10              | 10              | 15             | 15             | 15             |
| Maximum height difference           | m        |   | 8               | 8               | 8              | 8              | 8              |
| Chargeless pipe length              | m        |   | 10              | 10              | 10             | 10             | 10             |
| Refrigerant charging (R-32)         | Kg       |   | 0,51            | 0,58            | 0,68           | 0,93           | 1,23           |
| Power supply                        | V/Hz/Ph  |   | 220-240/1/50    | 220-240/1/50    | 220-240/1/50   | 220-240/1/50   | 220-240/1/50   |

C = Cooling Mode    H = Heating Mode





Bi-FLOW



Smart User Interface



Magic Coil



Compact Design

Compact, flexible and powerful!

This innovative, compact unit is specially designed for floor installations and very low wall-mounted applications, ideal for installation under windows or in spaces with very low ceilings. With a Bi-FLOW air diffuser, the user can choose their preferred airflow outlet at the top or bottom of the unit. In addition, the unique floor heating feature allows the unit to deliver strong air-conditioned airflow to the floor level.



FEATURES



Low Energy Consumption in all operation types



Unique Floor Heating Function that allows the unit to deliver a powerful flow at floor level, for a uniform and comfortable room heating



Ideal for floor installation under windows or in spaces with very low ceilings (i.e. attic)



The Console is equipped with the Magic Coil which helps prevent water and dust from sticking to the coil. When the air conditioning is switched off to drain the contaminated coil, the fan continues to operate to keep the coil clean and dry and to maintain the air conditioning's high energy efficiency



Silent CDU is Toshiba's unique noise reduction function of outdoor unit for neighbourhood comfort



Brightness level control of the display unit to reduce the LED light glow



Wi-Fi Ready



## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA

| OUTDOOR UNIT                      |       |   | RAS-10J2AVSG-E1 | RAS-13J2AVSG-E1 | RAS-18J2AVSG-E1 |
|-----------------------------------|-------|---|-----------------|-----------------|-----------------|
| INDOOR UNIT                       |       |   | RAS-B10J2FVG-E  | RAS-B13J2FVG-E  | RAS-B18J2FVG-E  |
| Cooling capacity                  | kW    |   | 2,50            | 3,50            | 5,00            |
| Cooling capacity                  | BTU/H |   | 8.530           | 11.943          | 17.061          |
| Cooling range (min.-max.)         | kW    |   | 0,95-3,20       | 1,05-4,10       | 1,20-5,60       |
| Cooling range (min.-max.)         | BTU/H |   | 3.242-10.919    | 3.583-13.990    | 4.095-19.108    |
| Power input (min.-rated-max.)     | kW    | C | 0,21-0,59-0,90  | 0,27-0,87-1,20  | 0,34-1,68-2,00  |
| EER                               | W/W   |   | 4.24            | 4.02            | 2.98            |
| SEER                              |       |   | 7.20            | 7.00            | 6.80            |
| Energy efficiency class           |       | C | A++             | A++             | A++             |
| Seasonal electricity consumption  | kWh/a | C | TBD             | TBD             | TBD             |
| Heating capacity                  | kW    |   | 3,20            | 4,20            | 6,00            |
| Heating capacity                  | BTU/H |   | 10.919          | 14.3031         | 20.473          |
| Heating range (min.-max.)         | kW    |   | 0,85-4,40       | 1,00-5,00       | 1,30-6,30       |
| Heating range (min.-max.)         | BTU/H |   | 2.900-15.013    | 3.412-17.061    | 4.436-21.496    |
| Power input (min.-rated-max.)     | kW    | H | 0,18-0,82-1,25  | 0,22-1,27-1,55  | 0,31-2,05-2,20  |
| COP                               | W/W   |   | 3.90            | 3.31            | 2.93            |
| SCOP (average)                    |       |   | 4.70            | 4.70            | 4.60            |
| Energy efficiency class (average) |       | H | A++             | A++             | A++             |
| SCOP (warmer)                     |       |   | 6.20            | 6.50            | 6.30            |
| Energy efficiency class (warmer)  |       | H | A+++            | A+++            | A+++            |
| Seasonal electricity consumption  | kWh/a | H | TBD             | TBD             | TBD             |

### PHYSICAL DATA INDOOR

| INDOOR UNIT                |          |   | RAS-B10J2FVG-E | RAS-B13J2FVG-E | RAS-B18J2FVG-E |
|----------------------------|----------|---|----------------|----------------|----------------|
| Airflow (h)                | m³/h-l/s | C | 492-136        | 528-146        | 600-166        |
| Airflow (l)                | m³/h-l/s | C | 258-71         | 270-75         | 366-101        |
| Sound pressure level (h/q) | dB(A)    | C | 39/23          | 40/24          | 46/31          |
| Sound power level (h)      | dB(A)    | C | 52             | 53             | 59             |
| Airflow (h)                | m³/h-l/s | H | 492-136        | 552-153        | 660-183        |
| Airflow (l)                | m³/h-l/s | H | 258-71         | 288-80         | 366-101        |
| Sound pressure level (h/q) | dB(A)    | H | 39/23          | 40/24          | 47/31          |
| Sound power level (h)      | dB(A)    | H | 52             | 53             | 60             |
| Dimensions (H×W×D)         | mm       |   | 600×700×220    | 600×700×220    | 600×700×220    |
| Weight                     | Kg       |   | 16             | 16             | 16             |

### PHYSICAL DATA OUTDOOR

| OUTDOOR UNIT                        |          |   | RAS-10J2AVSG-E1 | RAS-13J2AVSG-E1 | RAS-18J2AVSG-E1 |
|-------------------------------------|----------|---|-----------------|-----------------|-----------------|
| Airflow (max)                       | m³/h-l/s | C | 1.890-524       | 1.950-540       | 2.076-576       |
| Sound pressure level (h)            | dB(A)    | C | 45              | 47              | 49              |
| Sound pressure level (silent CDU#2) | dB(A)    | C | 38              | 40              | 43              |
| Sound power level (h)               | dB(A)    | C | 58              | 60              | 62              |
| Sound power level (silent CDU#2)    | dB(A)    | C | 51              | 53              | 56              |
| Operating range                     | °C       | C | -15-46          | -15-46          | -15-46          |
| Airflow (max)                       | m³/h-l/s | H | 1.890-524       | 1.950-540       | 2.076-576       |
| Sound pressure level (h)            | dB(A)    | H | 47              | 49              | 51              |
| Sound pressure level (silent CDU#2) | dB(A)    | H | 40              | 43              | 45              |
| Sound power level (h)               | dB(A)    | H | 60              | 62              | 64              |
| Sound power level (silent CDU#2)    | dB(A)    | H | 53              | 57              | 58              |
| Operating range                     | °C       | H | -15-24          | -15-24          | -15-24          |
| Dimensions (H×W×D)                  | mm       |   | 550×780×290     | 550×780×290     | 550×780×290     |
| Weight                              | Kg       |   | 26              | 30              | 34              |
| Compressor type                     |          |   | DC Rotary       | DC Rotary       | DC Twin-Rotary  |
| Flare connections (gas-liquid)      |          |   | 3/8"-1/4"       | 3/8"-1/4"       | 1/2"-1/4"       |
| Minimum pipe length                 | m        |   | 2               | 2               | 2               |
| Maximum pipe length                 | m        |   | 20              | 20              | 20              |
| Maximum height difference           | m        |   | 12              | 12              | 12              |
| Chargeless pipe length              | m        |   | 15              | 15              | 15              |
| Refrigerant charging (R-32)         | Kg       |   | 0.55            | 0.80            | 1.10            |
| Power supply                        | V/Hz/Ph  |   | 230/50/1        | 230/50/1        | 230/50/1        |

C = Cooling Mode    H = Heating Mode



# MULTI SPLIT SYSTEMS

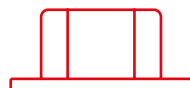
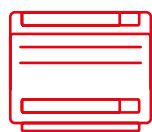
**The perfect fit for every residential building,  
cooling and heating up to 5 rooms!**

Toshiba Indoor units are the embodiment of aesthetics & technology.

With advanced technology, flexibility, compact sizes, flowing lines  
and backlight finishing, they upgrade every home.

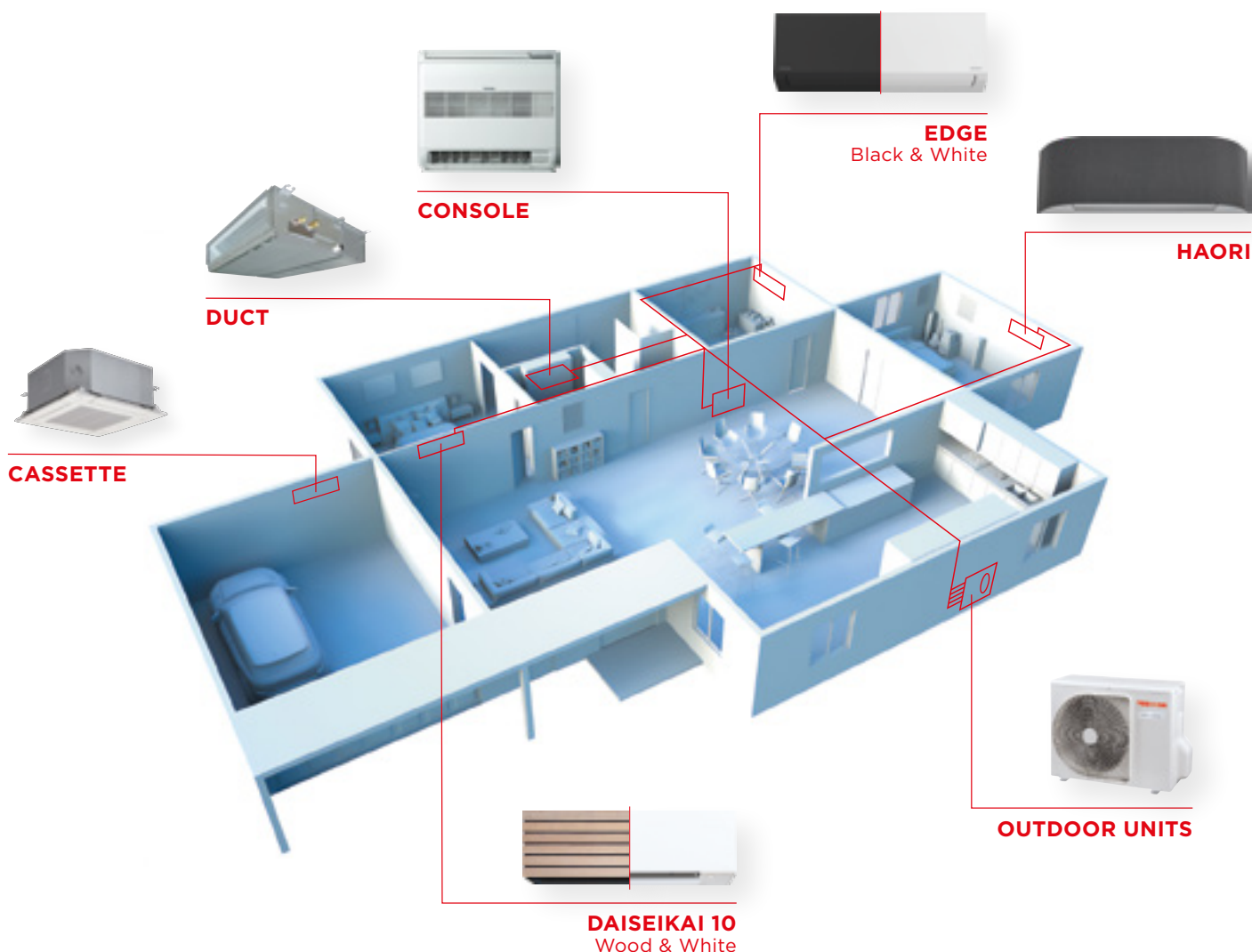






# Enjoy the flexibility you desire

# TOSHIBA



## Luxury through technology in RAS multi-split inverter systems

- ✓ From 2 to 5 rooms with high efficiency product
- ✓ Just one outdoor unit can serve up to five indoor rooms
- ✓ Wide choice of internal units: Hi-Walls, Cassettes, Duct-types and/or Consoles
- ✓ Compressor DC Twin-Rotary on the whole range
- ✓ Large operating map down to -20°C in heating mode and up to +46°C in cooling
- ✓ Up to 80 meters of frigorific connections for any installation type

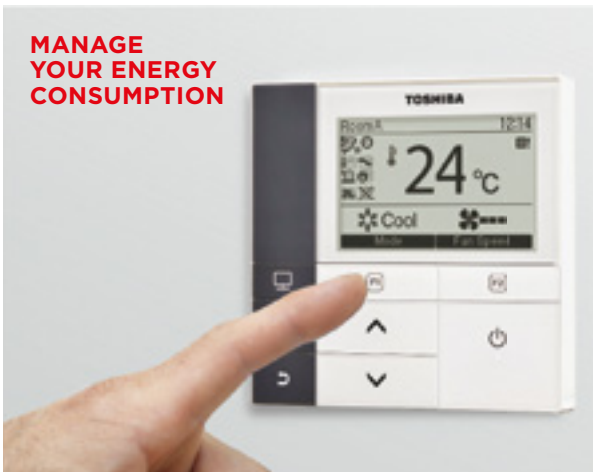
**Flexibility guaranteed our premium solutions for large residential applications ensure minimum energy wastage.**

## LIVE SMART

To ensure your utmost comfort, Toshiba provides wireless functions which make your daily life simpler.



### MANAGE YOUR ENERGY CONSUMPTION



- ✓ Wall mounted control for Duct & Cassette
- ✓ Remote temperature sensor for accurate room temperature control
- ✓ Energy saving mode
- ✓ Quiet mode
- ✓ Specific for Cassette: louvre swing modes, individual louvre position control
- ✓ Schedule timer: up to 8 different settings for ON/OFF operation
- ✓ The temperature can be programmed with the schedule timer

## CASSETTE SPECIFIC CONTROL OPTIONS

The Compact Cassette is an innovative product developed specifically for light commercial and business applications. It encapsulates the pinnacle of Toshiba's expertise in design, construction and control dedicated to optimum comfort, all year round.

## SMART CONTROL



### INFRARED REMOTE CONTROL

Optional infrared remote control for up to four indoor units. It is compatible with standard receiver remote controls and can be installed in ceiling panel corner pockets.



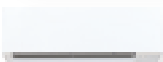
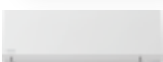
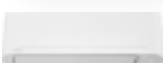
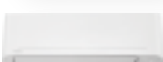
### OCCUPANCY SENSOR

This optional intelligent function detects presence in the room, activating the units only when necessary, thereby helping you to reduce costs and save energy.



## MULTI SYSTEM SOLUTIONS

### MULTI SPLIT INDOOR UNITS

| INDOOR UNITS SIZES                     |                     |                                                                                     | 05     | 07     | 10     | 13     | 16     | 18     | 22     | 24     |
|----------------------------------------|---------------------|-------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| INDOOR UNITS COOLING CAPACITY          |                     |                                                                                     | 1,50kW | 2,00kW | 2,50kW | 3,50kW | 4,50kW | 5,00kW | 6,00kW | 7,00kW |
| DAISEIKAI 10 WOOD<br>RAS-B**S4KVDG-E   | Refrigerant<br>R-32 |    |        |        | ✓      | ✓      |        | ✓      |        |        |
| DAISEIKAI 10 WHITE<br>RAS-B**S4KVPD-E  | Refrigerant<br>R-32 |    |        |        | ✓      | ✓      |        | ✓      |        |        |
| HAORI<br>RAS-B**N4KVRG-E               | Refrigerant<br>R-32 |    |        |        | ✓      | ✓      | ✓      |        |        |        |
| EDGE BLACK<br>RAS-B**G3KVSGB-E         | Refrigerant<br>R-32 |    |        | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      |
| EDGE WHITE<br>RAS-B**G3KVSG-E          | Refrigerant<br>R-32 |    |        | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      |
| YUKAI+<br>RAS-B**S2KVG-E               | Refrigerant<br>R-32 |    | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      |        | ✓      |
| ESSENTO<br>RAS-B**B2KV2G-E             | Refrigerant<br>R-32 |    | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      |        | ✓      |
| CONSOLE<br>RAS-B**U2FVG-E              | Refrigerant<br>R-32 |    |        |        | ✓      | ✓      |        | ✓      |        |        |
| COMPACT<br>CASSETTE<br>RAS-M**S4MUVG-E | Refrigerant<br>R-32 |  |        |        | ✓      | ✓      | ✓      |        |        |        |
| DUCTED<br>RAS-M**U2DVG-E1              | Refrigerant<br>R-32 |  |        | ✓      | ✓      | ✓      | ✓      |        | ✓      | ✓      |

✓ Indoor units available sizes

### MULTI SPLIT COMBINATIONS: OUTDOOR UNITS & IDU SIZES

| INDOOR UNITS SIZES                                                                                                             |  |                                                                                     | 05     | 07     | 10     | 13     | 16     | 18     | 22     | 24     |
|--------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| INDOOR UNITS COOLING CAPACITY                                                                                                  |  |                                                                                     | 1,50kW | 2,00kW | 2,50kW | 3,50kW | 4,50kW | 5,00kW | 6,00kW | 7,00kW |
| 2 Rooms<br>RAS-2M10G3AVG-E<br>CDU Cooling capacity: 3,30kW (1,25 - 3,90kW)<br>CDU Heating capacity: 4,00kW (1,08 - 4,90kW)     |  |  | ✓      | ✓      | ✓      |        |        |        |        |        |
| 2 Rooms<br>RAS-2M14G3AVG-E<br>CDU Cooling capacity: 4,00kW (1,60 - 4,90kW)<br>CDU Heating capacity: 4,40kW (1,30 - 5,20kW)     |  |  | ✓      | ✓      | ✓      | ✓      |        |        |        |        |
| 2 Rooms<br>RAS-2M18G3AVG-E<br>CDU Cooling capacity: 5,20kW (1,70 - 6,20kW)<br>CDU Heating capacity: 5,60kW (1,30 - 7,50kW)     |  |  | ✓      | ✓      | ✓      | ✓      | ✓      |        |        |        |
| 3 Rooms<br>RAS-3M18G3AVG-E<br>CDU Cooling capacity: 5,20kW (2,40 - 6,50kW)<br>CDU Heating capacity: 6,80kW (1,90 - 8,00kW)     |  |  | ✓      | ✓      | ✓      | ✓      | ✓      |        |        |        |
| 3 Rooms<br>RAS-3M26G3AVG-E<br>CDU Cooling capacity: 7,50kW (4,10 - 9,00kW)<br>CDU Heating capacity: 9,00kW (2,00 - 11,20kW)    |  |  | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      |
| 4 Rooms<br>RAS-5M34G3AVG-E<br>CDU Cooling capacity: 8,00kW (4,20 - 9,30kW)<br>CDU Heating capacity: 9,00kW (2,90 - 11,70kW)    |  |  | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      |
| 5 Rooms<br>RAS-5M34G3AVG-E<br>CDU Cooling capacity: 10,00kW (3,70 - 11,00kW)<br>CDU Heating capacity: 12,00kW (2,70 - 14,00kW) |  |  | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      |

✓ Indoor units available sizes

## MULTI SPLIT SYSTEMS - CDU PERFORMANCES

### PERFORMANCE DATA

| OUTDOOR UNIT                      |     |   | 2-room Multisplit<br>RAS-<br>2M10G3AVG-E | 2-room Multisplit<br>RAS-<br>2M14G3AVG-E | 2-room Multisplit<br>RAS-<br>2M18G3AVG-E | 3-room Multisplit<br>RAS-<br>3M18G3AVG-E | 3-room Multisplit<br>RAS-<br>3M26G3AVG-E | 4-room Multisplit<br>RAS-<br>4M27G3AVG-E | 5-room Multisplit<br>RAS-<br>5M34G3AVG-E |
|-----------------------------------|-----|---|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
| Cooling capacity                  | kW  |   | 3,30                                     | 4,00                                     | 5,20                                     | 5,20                                     | 7,00                                     | 8,00                                     | 10,00                                    |
| Cooling capacity<br>(min.-max.)   | kW  |   | 1,20-4,10                                | 1,50-4,90                                | 1,60-6,50                                | 2,00-7,50                                | 2,00-9,00                                | 2,00-10,00                               | 2,50-11,50                               |
| Power input                       | kW  | C | 0,67                                     | 0,85                                     | 1,20                                     | 1,00                                     | 1,75                                     | 1,90                                     | 2,60                                     |
| EER                               | W/W |   | 4.93                                     | 4.71                                     | 4.33                                     | 5.20                                     | 4.00                                     | 4.21                                     | 3.85                                     |
| SEER                              |     |   | 8.60                                     | 8.70                                     | 8.70                                     | 8.60                                     | 8.50                                     | 8.30                                     | 7.20                                     |
| Energy efficiency class           |     | C | A+++                                     | A+++                                     | A+++                                     | A+++                                     | A+++                                     | A++                                      | A++                                      |
| Heating capacity                  | kW  |   | 4,00                                     | 4,40                                     | 5,60                                     | 6,80                                     | 8,70                                     | 9,00                                     | 12,00                                    |
| Heating capacity<br>(min.-max.)   | kW  |   | 1,00-4,90                                | 1,00-5,20                                | 1,30-8,20                                | 1,90-8,30                                | 2,00-11,50                               | 2,00-12,00                               | 2,20-14,20                               |
| Power input                       | kW  | H | 0,85                                     | 0,90                                     | 1,14                                     | 1,45                                     | 2,00                                     | 1,90                                     | 2,80                                     |
| COP                               | W/W |   | 4.71                                     | 4.89                                     | 4.91                                     | 4.69                                     | 4.35                                     | 4.74                                     | 4.24                                     |
| SCOP (average)                    |     |   | 4.70                                     | 4.80                                     | 4.80                                     | 4.80                                     | 4.60                                     | 4.50                                     | 4.30                                     |
| Energy efficiency class (average) |     | H | A++                                      | A++                                      | A++                                      | A++                                      | A++                                      | A+                                       | A+                                       |

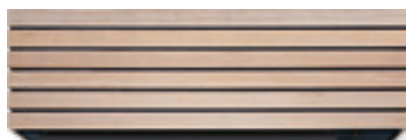
### PHYSICAL DATA OUTDOOR

| OUTDOOR UNIT                              |          |   | 2-room Multisplit<br>RAS-<br>2M10G3AVG-E | 2-room Multisplit<br>RAS-<br>2M14G3AVG-E | 2-room Multisplit<br>RAS-<br>2M18G3AVG-E | 3-room Multisplit<br>RAS-<br>3M18G3AVG-E | 3-room Multisplit<br>RAS-<br>3M26G3AVG-E | 4-room Multisplit<br>RAS-<br>4M27G3AVG-E | 5-room Multisplit<br>RAS-<br>5M34G3AVG-E |
|-------------------------------------------|----------|---|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
| Airflow                                   | m³/h-l/s | C | 2.100-583                                | 1.800-500                                | 2.600-722                                | 2.600-722                                | 3.400-944                                | 3.400-944                                | 3.700-1028                               |
| Sound power level                         | dB(A)    | C | 60                                       | 59                                       | 61                                       | 61                                       | 62                                       | 63                                       | 65                                       |
| Sound pressure level<br>Nominal @ 1m      | dB(A)    | C | 47                                       | 46                                       | 48                                       | 48                                       | 49                                       | 50                                       | 52                                       |
| Sound pressure level<br>Silent CDU#2 @ 1m | dB(A)    | C | 43                                       | 41                                       | 45                                       | 45                                       | 43                                       | 44                                       | 45                                       |
| Operating range                           | °C       | C | -10/46                                   | -10/46                                   | -10/46                                   | -10/46                                   | -10/46                                   | -10/46                                   | -10/46                                   |
| Airflow                                   | m³/h-l/s | H | 2.100-583                                | 2.250-625                                | 2.600-722                                | 2.800-778                                | 3.700-1.028                              | 3.700-1.028                              | 4.400-1.222                              |
| Sound power level                         | dB(A)    | H | 64                                       | 65                                       | 63                                       | 65                                       | 66                                       | 67                                       | 69                                       |
| Sound pressure level<br>Nominal @ 1m      | dB(A)    | H | 51                                       | 52                                       | 50                                       | 52                                       | 53                                       | 54                                       | 56                                       |
| Sound pressure level<br>Silent CDU#2 @ 1m | dB(A)    |   | 46                                       | 46                                       | 44                                       | 46                                       | 45                                       | 45                                       | 47                                       |
| Operating range                           | °C       | H | -20/24                                   | -20/24                                   | -20/24                                   | -20/24                                   | -20/24                                   | -20/24                                   | -20/24                                   |
| Dimensions (H×W×D)                        | mm       |   | 550×780×290                              | 550×780×290                              | 630×800×300                              | 630×800×300                              | 890×900×320                              | 890×900×320                              | 890×900×320                              |
| Weight                                    | Kg       |   | 31                                       | 35                                       | 43                                       | 44                                       | 67                                       | 68                                       | 78                                       |
| Compressor type                           |          |   | DC Single Rotary                         | DC Twin-Rotary                           | DC Twin-Rotary                           | DC Twin-Rotary                           | DC Twin-Rotary                           | DC Twin-Rotary                           | DC Twin-Rotary                           |
| Flare connections - gas                   |          |   | 3/8"×2                                   | 3/8"×2                                   | 3/8"×2                                   | 3/8"×2 + 1/2"×1                          | 3/8"×1 + 1/2"×2                          | 3/8"×2 + 1/2"×2                          | 3/8"×3 + 1/2"×2                          |
| Flare connections - liquid                |          |   | 1/4"×2                                   | 1/4"×2                                   | 1/4"×2                                   | 1/4"×3                                   | 1/4"×3                                   | 1/4"×4                                   | 1/4"×5                                   |
| Maximum pipe length<br>(per unit/total)   | m        |   | 15/20                                    | 20/30                                    | 20/30                                    | 25/50                                    | 25/70                                    | 25/70                                    | 25/80                                    |
| Maximum height<br>difference              | m        |   | 10                                       | 10                                       | 10                                       | 10                                       | 15                                       | 15                                       | 15                                       |
| Refrigerant charge                        | Kg       |   | 0.80                                     | 0.95                                     | 1.20                                     | 1.25                                     | 1.90                                     | 2.05                                     | 2.39                                     |
| Chargeless pipe length                    | m        |   | 20                                       | 30                                       | 30                                       | 50                                       | 40                                       | 40                                       | 40                                       |
| Power supply                              | V/Hz/Ph  |   | 220-240/50/1                             | 220-240/50/1                             | 220-240/50/1                             | 220-240/50/1                             | 220-240/50/1                             | 220-240/50/1                             | 220-240/50/1                             |

C = Cooling Mode    H = Heating Mode



## PHYSICAL DATA INDOOR



### DAISEIKAI 10

#### INDOOR UNIT WOOD

#### INDOOR UNIT WHITE

#### RAS-B10S4KVDG-E

#### RAS-B10S4KVPG-E

#### RAS-B13S4KVDG-E

#### RAS-B13S4KVPG-E

#### RAS-B18S4KVDG-E

#### RAS-B18S4KVPG-E

|                                |          |   |             |             |             |
|--------------------------------|----------|---|-------------|-------------|-------------|
| Airflow                        | m³/h-l/s | C | 700-194     | 750-208     | 800-222     |
| Sound pressure level (h/l)     | dB(A)    | C | 40/19       | 41/20       | 44/22       |
| Sound power level (h/l)        | dB(A)    | C | 53/32       | 54/33       | 57/35       |
| Airflow                        | m³/h-l/s | H | 750-208     | 800-222     | 810-225     |
| Sound pressure level (h/l)     | dB(A)    | H | 41/19       | 42/20       | 45/22       |
| Sound power level (h/l)        | dB(A)    | H | 54/32       | 55/33       | 58/35       |
| Dimensions (H×W×D) WOOD        | mm       |   | 293×940×257 | 293×940×257 | 293×940×257 |
| Dimensions (H×W×D) WHITE       | mm       |   | 293×930×255 | 293×930×255 | 293×930×255 |
| Weight WOOD/WHITE              | Kg       |   | 16/14       | 16/14       | 16/14       |
| Flare connections (gas-liquid) |          |   | 3/8"-1/4"   | 3/8"-1/4"   | 1/2"-1/4"   |



### HAORI

#### INDOOR UNIT

#### RAS-B10N4KVRG-E

#### RAS-B13N4KVRG-E

#### RAS-B16N4KVRG-E

|                                |          |   |             |             |             |
|--------------------------------|----------|---|-------------|-------------|-------------|
| Airflow (h)                    | m³/h-l/s | C | 600-166     | 670-186     | 690-180     |
| Sound pressure level (h/q)     | dB(A)    | C | 41/19       | 43/19       | 45/21       |
| Sound power level (h)          | dB(A)    | C | 54          | 56          | 58          |
| Airflow (h)                    | m³/h-l/s | H | 610-169     | 680-189     | 730-186     |
| Sound pressure level (h/q)     | dB(A)    | H | 41/19       | 43/19       | 45/22       |
| Sound power level (h)          | dB(A)    | H | 54          | 56          | 58          |
| Dimensions (H×W×D)             | mm       |   | 300×987×210 | 300×987×210 | 300×987×210 |
| Weight                         | Kg       |   | 11          | 11          | 12          |
| Flare connections (gas-liquid) |          |   | 3/8"-1/4"   | 3/8"-1/4"   | 1/2"-1/4"   |



### EDGE WHITE & BLACK

#### INDOOR UNIT BLACK

#### INDOOR UNIT WHITE

#### RAS-B10G3KVSG-E

#### RAS-B10G3KVSG-E

#### RAS-B13G3KVSG-E

#### RAS-B13G3KVSG-E

#### RAS-B16G3KVSG-E

#### RAS-B16G3KVSG-E

#### RAS-B18G3KVSG-E

#### RAS-B18G3KVSG-E

#### RAS-B22G3KVSG-E

#### RAS-B22G3KVSG-E

#### RAS-B24G3KVSG-E

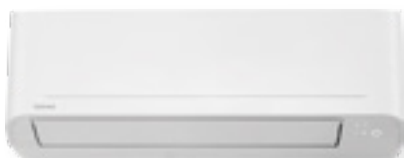
#### RAS-B24G3KVSG-E

|                                |          |   |             |             |             |               |               |               |
|--------------------------------|----------|---|-------------|-------------|-------------|---------------|---------------|---------------|
| Airflow                        | m³/h-l/s | C | 660-183     | 730-203     | 750-208     | 990-275       | 1.032-286     | 1.120-311     |
| Sound pressure level (h/l)     | dB(A)    | C | 40/19       | 43/19       | 44/21       | 44/26         | 45/27         | 47/28         |
| Sound power level (h/l)        | dB(A)    | C | 53/32       | 56/32       | 57/34       | 57/39         | 58/40         | 60/41         |
| Airflow                        | m³/h-l/s | H | 660-183     | 730-203     | 760-211     | 990-275       | 1.080-300     | 1.140-316     |
| Sound pressure level (h/l)     | dB(A)    | H | 40/19       | 43/19       | 44/22       | 44/26         | 46/27         | 48/28         |
| Sound power level (h/l)        | dB(A)    | H | 53/32       | 56/32       | 57/35       | 57/39         | 59/40         | 61/41         |
| Dimensions (H×W×D)             | mm       |   | 293×800×226 | 293×800×226 | 293×800×226 | 320×1.053×245 | 320×1.053×245 | 320×1.053×245 |
| Weight                         | Kg       |   | 10          | 10          | 10          | 14            | 14            | 14            |
| Flare connections (gas-liquid) |          |   | 3/8"-1/4"   | 3/8"-1/4"   | 1/2"-1/4"   | 1/2"-1/4"     | 1/2"-1/4"     | 1/2"-1/4"     |

C = Cooling Mode H = Heating Mode

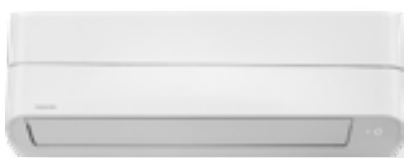


## PHYSICAL DATA INDOOR



### YUKAI+

| INDOOR UNIT                    |          |   | RAS-B10S2KVG-E | RAS-B13S2KVG-E | RAS-B16S2KVG-E | RAS-B18S2KVG-E  | RAS-B24S2KVG-E |
|--------------------------------|----------|---|----------------|----------------|----------------|-----------------|----------------|
| Airflow                        | m³/h-l/s | C | 510-142        | 540-150        | 750-208        | 790-220         | 1.070-298      |
| Sound pressure level (h/q)     | dB(A)    | C | 39/19          | 41/20          | 43/21          | 47/26           | 48/29          |
| Sound power level (h)          | dB(A)    | C | 52             | 54             | 56             | 60              | 61             |
| Airflow                        | m³/h-l/s | H | 510-144        | 560-158        | 760-212        | 840-233         | 860-239        |
| Sound pressure level (h/q)     | dB(A)    | H | 39/20          | 42/20          | 43/22          | 48/26           | 48/29          |
| Sound power level (h)          | dB(A)    | H | 52             | 55             | 56             | 61              | 61             |
| Dimensions (H×W×D)             | mm       |   | 288×770×225    | 288×770×225    | 293×798×230    | 293 x 798 x 230 | 320x1.050x250  |
| Weight                         | Kg       |   | 9              | 9              | 9              | 9               | 15             |
| Flare connections (gas-liquid) |          |   | 3/8"-1/4"      | 3/8"-1/4"      | 1/2"-1/4"      | 1/2"-1/4"       | 1/2"-1/4"      |



### ESSENTO

| INDOOR UNIT                    |          |   | RAS-B10B2KV2G-E | RAS-B13B2KV2G-E | RAS-B16B2KV2G-E | RAS-B18B2KV2G-E | RAS-B24B2KV2G-E |
|--------------------------------|----------|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Airflow                        | m³/h-l/s | C | 630 - 175       | 660 - 184       | 780 - 217       | 820- 228        | 1100 - 306      |
| Sound pressure level (h/q)     | dB(A)    | C | 42/19           | 43/20           | 45/22           | 47/26           | 48/29           |
| Sound power level (h)          | dB(A)    | C | 55              | 56              | 58              | 60              | 61              |
| Airflow                        | m³/h-l/s | H | 630 - 175       | 630 - 175       | 770 - 214       | 850 - 236       | 880- 245        |
| Sound pressure level (h/q)     | dB(A)    | H | 41/20           | 42/20           | 44/23           | 48/26           | 48/29           |
| Sound power level (h)          | dB(A)    | H | 54              | 55              | 57              | 61              | 61              |
| Dimensions (H×W×D)             | mm       |   | 288 x 770 x 225 | 288 x 770 x 225 | 293 x 798 x 230 | 293 x 798 x 230 | 320x1050x250    |
| Weight                         | Kg       |   | 9               | 9               | 9               | 9               | 13              |
| Flare connections (gas-liquid) |          |   | 3/8" - 1/4"     | 3/8" - 1/4"     | 1/2" - 1/4"     | 1/2" - 1/4"     | 1/2" - 1/4"     |



### CONSOLE

| INDOOR UNIT                    |          |   | RAS-B10J2FVG-E | RAS-B13J2FVG-E | RAS-B18J2FVG-E |
|--------------------------------|----------|---|----------------|----------------|----------------|
| Airflow                        | m³/h-l/s | C | 468-130        | 510-142        | 600-167        |
| Sound pressure level (h/l)     | dB(A)    | C | 39/23          | 40/24          | 46/31          |
| Sound power level (h/l)        | dB(A)    | C | 54/38          | 55/39          | 60/46          |
| Airflow                        | m³/h-l/s | H | 510-142        | 552-153        | 642-178        |
| Sound pressure level (h/l)     | dB(A)    | H | 39/23          | 40/24          | 46/31          |
| Sound power level (h/l)        | dB(A)    | H | 54/38          | 55/39          | 60/46          |
| Dimensions (H×W×D)             | mm       |   | 600×700×220    | 600×700×220    | 600×700×220    |
| Weight                         | Kg       |   | 16             | 16             | 16             |
| Flare connections (gas-liquid) |          |   | 3/8"-1/4"      | 3/8"-1/4"      | 1/2"-1/4"      |

C = Cooling Mode    H = Heating Mode





## PHYSICAL DATA INDOOR



### COMPACT CASSETTE

| INDOOR UNIT                    |          |   | RAS-M10US4MUVG-E | RAS-M13S4MUVG-E | RAS-M16S4MUVG-E |
|--------------------------------|----------|---|------------------|-----------------|-----------------|
| Airflow                        | m³/h-l/s | C | 590-430          | 620-430         | 680-450         |
| Sound pressure level (h/l)     | dB(A)    | C | 37/30            | 38/30           | 41/31           |
| Sound power level (h/l)        | dB(A)    | C | 52/45            | 53/45           | 56/46           |
| Airflow                        | m³/h-l/s | H | 590-430          | 620-430         | 680-450         |
| Sound pressure level (h/l)     | dB(A)    | H | 37/30            | 38/30           | 41/31           |
| Sound power level (h/l)        | dB(A)    | H | 52/45            | 53/45           | 56/46           |
| Dimensions (H×W×D)             | mm       |   | 268×575×575      | 268×575×575     | 268×575×575     |
| Weight                         | Kg       |   | 15               | 15              | 15              |
| Flare connections (gas-liquid) |          |   | 3/8" - 1/4"      | 3/8" - 1/4"     | 1/2" - 1/4"     |



### DUCTED

| INDOOR UNIT                                                     |          |   | RAS-M07U2DVG-E | RAS-M10U2DVG-E | RAS-M13U2DVG-E | RAS-M16U2DVG-E | RAS-M22U2DVG-E | RAS-M24U2DVG-E |
|-----------------------------------------------------------------|----------|---|----------------|----------------|----------------|----------------|----------------|----------------|
| Airflow                                                         | m³/h-l/s | C | 570-380        | 570-380        | 610-385        | 780-420        | 10-740         | 1.060-760      |
| Sound pressure level (h/l)                                      | dB(A)    | C | 35/27          | 35/27          | 37/27          | 35/24          | 38/32          | 39/33          |
| Sound power level (h/l)                                         | dB(A)    | C | 50/42          | 50/42          | 52/42          | 50/39          | 53/47          | 54/48          |
| Airflow                                                         | m³/h-l/s | H | 570-380        | 570-380        | 610-385        | 780-450        | 10-740         | 1.060-760      |
| Sound pressure level (h/l)                                      | dB(A)    | H | 35/27          | 35/27          | 37/27          | 35/25          | 38/32          | 39/33          |
| Sound power level (h/l)                                         | dB(A)    | H | 50/42          | 50/42          | 52/42          | 50/40          | 53/47          | 54/48          |
| Dimensions (H×W×D)                                              | mm       |   | 210×700×450    | 210×700×450    | 210×700×450    | 210×900×450    | 210×1.100×450  | 210×1.100×450  |
| Weight                                                          | Kg       |   | 16             | 16             | 16             | 19             | 22             | 22             |
| Flare connections (gas-liquid)                                  |          |   | 3/8" - 1/4"    | 3/8" - 1/4"    | 3/8" - 1/4"    | 1/2" - 1/4"    | 1/2" - 1/4"    | 1/2" - 1/4"    |
| External static pressure<br>(stand / middle1 / middle2 / upper) | Pa       |   | 10/20/35/45    | 10/20/35/45    | 10/20/35/45    | 10/20/35/45    | 10/20/35/45    | 10/20/35/45    |

## RAS MULTI INDOOR UNITS

RAS-2M10G3AVG-E - PERFORMANCES DATA BI-SPLIT SIZE 10

|              | Operating status | Combination |        | Unit capacity (kW) |        | Cooling capacity (kW) |      |      | Power input (W) |      |       | Operating current (A) | PDC | SEER | Label |
|--------------|------------------|-------------|--------|--------------------|--------|-----------------------|------|------|-----------------|------|-------|-----------------------|-----|------|-------|
|              |                  | Unit A      | Unit B | Unit A             | Unit B | Min.                  | Nom. | Max. | Min.            | Nom. | Max.  | Nom.                  |     |      |       |
| COOLING MODE | 1 unit operation | 05          | -      | 1,50               | -      | 1,00                  | 1,50 | 2,00 | 230             | 362  | 500   | -                     | -   | -    | -     |
|              |                  | 07          | -      | 2,00               | -      | 1,00                  | 2,00 | 2,90 | 230             | 487  | 890   | -                     | -   | -    | -     |
|              |                  | 10          | -      | 2,50               | -      | 1,00                  | 2,50 | 3,20 | 230             | 662  | 1.140 | -                     | -   | -    | -     |
| COOLING MODE | 2 unit operation | 05          | 05     | 1,50               | 1,50   | 1,20                  | 3,00 | 4,00 | 200             | 609  | 1.040 | 3.18                  | 3.0 | 8.00 | A++   |
|              |                  | 07          | 05     | 1,89               | 1,41   | 1,20                  | 3,30 | 4,10 | 200             | 697  | 1.050 | 3.39                  | 3.3 | 8.20 | A++   |
|              |                  | 10          | 05     | 2,06               | 1,24   | 1,20                  | 3,30 | 4,10 | 200             | 697  | 1.050 | 3.39                  | 3.3 | 8.20 | A++   |
|              |                  | 07          | 07     | 1,65               | 1,65   | 1,20                  | 3,30 | 4,10 | 200             | 670  | 1.050 | 3.31                  | 3.3 | 8.60 | A+++  |
|              |                  | 10          | 07     | 1,83               | 1,47   | 1,20                  | 3,30 | 4,10 | 200             | 670  | 1.050 | 3.31                  | 3.3 | 8.60 | A+++  |
|              |                  | 10          | 10     | 1,65               | 1,65   | 1,20                  | 3,30 | 4,10 | 200             | 670  | 1.050 | 3.31                  | 3.3 | 8.60 | A+++  |

RAS-2M10G3AVG-E - PERFORMANCES DATA BI-SPLIT SIZE 10

|              | Operating status | Combination |        | Unit capacity (kW) |        | Heating capacity (kW) |      |      | Power input (W) |      |       | Operating current (A) | PDH | SCOP            |              | Label           |              |
|--------------|------------------|-------------|--------|--------------------|--------|-----------------------|------|------|-----------------|------|-------|-----------------------|-----|-----------------|--------------|-----------------|--------------|
|              |                  | Unit A      | Unit B | Unit A             | Unit B | Min.                  | Nom. | Max. | Min.            | Nom. | Max.  | Nom.                  |     | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE | 1 unit operation | 05          | -      | 2,00               | -      | 0,90                  | 2,00 | 2,50 | 210             | 460  | 690   | -                     | -   | -               | -            | -               | -            |
|              |                  | 07          | -      | 2,50               | -      | 0,90                  | 2,50 | 3,60 | 190             | 520  | 920   | -                     | -   | -               | -            | -               | -            |
|              |                  | 10          | -      | 3,20               | -      | 0,90                  | 3,20 | 4,80 | 190             | 740  | 1.460 | -                     | -   | -               | -            | -               | -            |
| HEATING MODE | 2 unit operation | 05          | 05     | 2,00               | 2,00   | 1,00                  | 4,00 | 4,90 | 180             | 960  | 1.240 | 4.45                  | 2.7 | 4.60            | 5.70         | A++             | A+++         |
|              |                  | 07          | 05     | 2,22               | 1,78   | 1,00                  | 4,00 | 4,90 | 170             | 880  | 1.140 | 4.09                  | 2.7 | 4.60            | 5.60         | A++             | A+++         |
|              |                  | 10          | 05     | 2,46               | 1,54   | 1,00                  | 4,00 | 4,90 | 170             | 880  | 1.140 | 4.09                  | 2.7 | 4.60            | 5.60         | A++             | A+++         |
|              |                  | 07          | 07     | 2,00               | 2,00   | 1,00                  | 4,00 | 4,90 | 170             | 840  | 1.100 | 3.91                  | 2.7 | 4.70            | 5.80         | A++             | A+++         |
|              |                  | 10          | 07     | 2,25               | 1,75   | 1,00                  | 4,00 | 4,90 | 170             | 840  | 1.100 | 3.91                  | 2.7 | 4.70            | 5.80         | A++             | A+++         |
|              |                  | 10          | 10     | 2,00               | 2,00   | 1,00                  | 4,00 | 4,90 | 170             | 840  | 1.100 | 3.91                  | 2.7 | 4.70            | 5.80         | A++             | A+++         |

RAS-2M14G3AVG-E - PERFORMANCES DATA BI-SPLIT SIZE 14

|              | Operating status | Combination |        | Unit capacity (kW) |        | Cooling capacity (kW) |      |      | Power input (W) |      |       | Operating current (A) | PDC | SEER | Label |
|--------------|------------------|-------------|--------|--------------------|--------|-----------------------|------|------|-----------------|------|-------|-----------------------|-----|------|-------|
|              |                  | Unit A      | Unit B | Unit A             | Unit B | Min.                  | Nom. | Max. | Min.            | Nom. | Max.  | Nom.                  |     |      |       |
| COOLING MODE | 1 unit operation | 05          | -      | 1,50               | -      | 1,10                  | 1,50 | 2,00 | 260             | 360  | 470   | -                     | -   | -    | -     |
|              |                  | 07          | -      | 2,00               | -      | 1,20                  | 2,00 | 2,90 | 260             | 440  | 710   | -                     | -   | -    | -     |
|              |                  | 10          | -      | 2,50               | -      | 1,20                  | 2,50 | 3,20 | 260             | 600  | 870   | -                     | -   | -    | -     |
|              |                  | 13          | -      | 3,50               | -      | 1,30                  | 3,50 | 4,10 | 260             | 990  | 1.300 | -                     | -   | -    | -     |
| COOLING MODE | 2 unit operation | 05          | 05     | 1,50               | 1,50   | 1,40                  | 3,00 | 4,70 | 240             | 650  | 1.250 | 3.26                  | 3.0 | 8.10 | A++   |
|              |                  | 07          | 05     | 2,00               | 1,50   | 1,40                  | 3,50 | 4,90 | 240             | 780  | 1.250 | 3.64                  | 3.5 | 8.30 | A++   |
|              |                  | 10          | 05     | 2,50               | 1,50   | 1,40                  | 4,00 | 4,90 | 240             | 950  | 1.250 | 4.41                  | 4.0 | 7.60 | A++   |
|              |                  | 13          | 05     | 2,80               | 1,20   | 1,50                  | 4,00 | 4,90 | 230             | 910  | 1.200 | 4.23                  | 4.0 | 8.10 | A++   |
|              |                  | 07          | 07     | 2,00               | 2,00   | 1,50                  | 4,00 | 4,90 | 230             | 920  | 1.250 | 4.27                  | 4.0 | 7.90 | A++   |
|              |                  | 10          | 07     | 2,22               | 1,78   | 1,50                  | 4,00 | 4,90 | 230             | 920  | 1.200 | 4.27                  | 4.0 | 7.90 | A++   |
|              |                  | 13          | 07     | 2,55               | 1,45   | 1,50                  | 4,00 | 4,90 | 230             | 890  | 1.180 | 4.14                  | 4.0 | 8.20 | A++   |
|              |                  | 10          | 10     | 2,00               | 2,00   | 1,50                  | 4,00 | 4,90 | 230             | 920  | 1.200 | 4.27                  | 4.0 | 7.90 | A++   |
|              |                  | 13          | 10     | 2,33               | 1,67   | 1,50                  | 4,00 | 4,90 | 230             | 890  | 1.150 | 4.14                  | 4.0 | 8.20 | A++   |
|              |                  | 13          | 13     | 2,00               | 2,00   | 1,50                  | 4,00 | 4,90 | 230             | 850  | 1.150 | 3.96                  | 4.0 | 8.70 | A+++  |

RAS-2M14G3AVG-E - PERFORMANCES DATA BI-SPLIT SIZE 14

|              | Operating status | Combination |        | Unit capacity (kW) |        | Heating capacity (kW) |      |      | Power input (W) |       |       | Operating current (A) | PDH | SCOP            |              | Label           |              |
|--------------|------------------|-------------|--------|--------------------|--------|-----------------------|------|------|-----------------|-------|-------|-----------------------|-----|-----------------|--------------|-----------------|--------------|
|              |                  | Unit A      | Unit B | Unit A             | Unit B | Min.                  | Nom. | Max. | Min.            | Nom.  | Max.  | Nom.                  |     | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE | 1 unit operation | 05          | -      | 2,00               | -      | 1,00                  | 2,00 | 2,50 | 230             | 510   | 680   | -                     | -   | -               | -            | -               | -            |
|              |                  | 07          | -      | 2,50               | -      | 1,00                  | 2,50 | 3,60 | 230             | 680   | 950   | -                     | -   | -               | -            | -               | -            |
|              |                  | 10          | -      | 3,20               | -      | 1,00                  | 3,20 | 4,80 | 230             | 1.010 | 1.490 | -                     | -   | -               | -            | -               | -            |
|              |                  | 13          | -      | 4,20               | -      | 1,00                  | 4,20 | 5,20 | 230             | 1.400 | 1.610 | -                     | -   | -               | -            | -               | -            |
| HEATING MODE | 2 unit operation | 05          | 05     | 2,00               | 2,00   | 1,00                  | 4,00 | 5,10 | 200             | 960   | 1.300 | 4.45                  | 2.8 | 4.50            | 5.60         | A+              | A+++         |
|              |                  | 07          | 05     | 2,44               | 1,96   | 1,00                  | 4,40 | 5,20 | 200             | 1.090 | 1.300 | 5.04                  | 3.1 | 4.50            | 5.70         | A+              | A+++         |
|              |                  | 10          | 05     | 2,71               | 1,69   | 1,00                  | 4,40 | 5,20 | 200             | 1.090 | 1.300 | 5.04                  | 3.1 | 4.60            | 5.80         | A++             | A+++         |
|              |                  | 13          | 05     | 2,98               | 1,42   | 1,00                  | 4,40 | 5,20 | 200             | 1.010 | 1.280 | 4.68                  | 3.1 | 4.60            | 5.80         | A++             | A+++         |
|              |                  | 07          | 07     | 2,20               | 2,20   | 1,00                  | 4,40 | 5,20 | 200             | 1.020 | 1.300 | 4.72                  | 3.1 | 4.60            | 5.70         | A++             | A+++         |
|              |                  | 10          | 07     | 2,47               | 1,93   | 1,00                  | 4,40 | 5,20 | 200             | 1.020 | 1.280 | 4.72                  | 3.1 | 4.60            | 5.80         | A++             | A+++         |
|              |                  | 13          | 07     | 2,76               | 1,64   | 1,00                  | 4,40 | 5,20 | 200             | 940   | 1.280 | 4.36                  | 3.1 | 4.70            | 5.80         | A++             | A+++         |
|              |                  | 10          | 10     | 2,20               | 2,20   | 1,00                  | 4,40 | 5,20 | 200             | 1.020 | 1.250 | 4.72                  | 3.1 | 4.60            | 5.70         | A++             | A+++         |
|              |                  | 13          | 10     | 2,50               | 1,90   | 1,00                  | 4,40 | 5,20 | 200             | 940   | 1.250 | 4.36                  | 3.1 | 4.70            | 5.90         | A++             | A+++         |
|              |                  | 13          | 13     | 2,20               | 2,20   | 1,00                  | 4,40 | 5,20 | 200             | 900   | 1.220 | 4.18                  | 3.1 | 4.80            | 5.90         | A++             | A+++         |



## RAS MULTI INDOOR UNITS

RAS-2M18G3AVG-E - PERFORMANCES DATA BI-SPLIT SIZE 18

|              | Operating status | Combination |        | Unit capacity (kW) |        | Cooling capacity (kW) |      |      | Power input (W) |       |       | Operating current (A) | PDC | SEER | Label |
|--------------|------------------|-------------|--------|--------------------|--------|-----------------------|------|------|-----------------|-------|-------|-----------------------|-----|------|-------|
|              |                  | Unit A      | Unit B | Unit A             | Unit B | Min.                  | Nom. | Max. | Min.            | Nom.  | Max.  | Nom.                  |     |      |       |
| COOLING MODE | 1 unit operation | 05          | -      | 1,50               | -      | 1,20                  | 1,50 | 2,00 | 250             | 350   | 500   | -                     | -   | -    | -     |
|              |                  | 07          | -      | 2,00               | -      | 1,20                  | 2,00 | 2,90 | 250             | 480   | 780   | -                     | -   | -    | -     |
|              |                  | 10          | -      | 2,50               | -      | 1,20                  | 2,50 | 3,20 | 250             | 640   | 900   | -                     | -   | -    | -     |
|              |                  | 13          | -      | 3,50               | -      | 1,30                  | 3,50 | 4,10 | 250             | 940   | 1.320 | -                     | -   | -    | -     |
|              |                  | 16          | -      | 4,60               | -      | 1,30                  | 4,60 | 5,00 | 250             | 1.370 | 2.060 | -                     | -   | -    | -     |
|              | 2 unit operation | 05          | 05     | 1,50               | 1,50   | 1,50                  | 3,00 | 4,80 | 270             | 570   | 1.290 | 3.07                  | 3.0 | 7.10 | A++   |
|              |                  | 07          | 05     | 2,00               | 1,50   | 1,50                  | 3,50 | 4,90 | 270             | 710   | 1.300 | 3.42                  | 3.5 | 7.80 | A++   |
|              |                  | 10          | 05     | 2,50               | 1,50   | 1,50                  | 4,00 | 5,60 | 270             | 880   | 1.680 | 4.09                  | 4.0 | 8.00 | A++   |
|              |                  | 13          | 05     | 3,50               | 1,50   | 1,60                  | 5,00 | 6,40 | 270             | 1.250 | 2.120 | 5.75                  | 5.0 | 7.50 | A++   |
|              |                  | 16          | 05     | 3,92               | 1,28   | 1,60                  | 5,20 | 6,50 | 270             | 1.340 | 2.090 | 6.15                  | 5.2 | 7.40 | A++   |
|              |                  | 07          | 07     | 2,00               | 2,00   | 1,60                  | 4,00 | 5,80 | 270             | 860   | 1.700 | 4.00                  | 4.0 | 8.10 | A++   |
|              |                  | 10          | 07     | 2,50               | 2,00   | 1,60                  | 4,50 | 6,40 | 270             | 1.060 | 2.110 | 4.90                  | 4.5 | 7.70 | A++   |
|              |                  | 13          | 07     | 3,31               | 1,89   | 1,60                  | 5,20 | 6,50 | 270             | 1.290 | 2.100 | 5.93                  | 5.2 | 7.80 | A++   |
|              |                  | 16          | 07     | 3,62               | 1,58   | 1,60                  | 5,20 | 6,50 | 270             | 1.300 | 2.110 | 5.97                  | 5.2 | 7.80 | A++   |
|              |                  | 10          | 10     | 2,50               | 2,50   | 1,60                  | 5,00 | 6,40 | 270             | 1.240 | 2.110 | 5.71                  | 5.0 | 7.70 | A++   |
|              |                  | 13          | 10     | 3,03               | 2,17   | 1,60                  | 5,20 | 6,50 | 270             | 1.280 | 2.100 | 5.89                  | 5.2 | 7.80 | A++   |
|              |                  | 16          | 10     | 3,37               | 1,83   | 1,60                  | 5,20 | 6,50 | 270             | 1.260 | 1.860 | 5.80                  | 5.2 | 7.80 | A++   |
|              |                  | 13          | 13     | 2,60               | 2,60   | 1,60                  | 5,20 | 6,50 | 270             | 1.240 | 1.880 | 5.71                  | 5.2 | 8.10 | A++   |
|              |                  | 16          | 13     | 2,95               | 2,25   | 1,60                  | 5,20 | 6,50 | 270             | 1.210 | 1.880 | 5.57                  | 5.2 | 8.70 | A+++  |
|              |                  | 16          | 16     | 2,60               | 2,60   | 1,60                  | 5,20 | 6,50 | 270             | 1.190 | 1.880 | 5.48                  | 5.2 | 8.70 | A+++  |

RAS-2M18G3AVG-E - PERFORMANCES DATA BI-SPLIT SIZE 18

|  | Operating status | Combination |        | Unit capacity (kW) |        | Heating capacity (kW) |      |      | Power input (W) |       |       | Operating current (A) | PDH | SCOP            |              | Label           |              |
|--|------------------|-------------|--------|--------------------|--------|-----------------------|------|------|-----------------|-------|-------|-----------------------|-----|-----------------|--------------|-----------------|--------------|
|  |                  | Unit A      | Unit B | Unit A             | Unit B | Min.                  | Nom. | Max. | Min.            | Nom.  | Max.  | Nom.                  |     | Average climate | Warm climate | Average climate | Warm climate |
|  | 1 unit operation | 05          | -      | 2,00               | -      | 1,00                  | 2,00 | 2,50 | 260             | 510   | 720   | -                     | -   | -               | -            | -               | -            |
|  |                  | 07          | -      | 2,50               | -      | 1,00                  | 2,50 | 3,60 | 230             | 680   | 950   | -                     | -   | -               | -            | -               | -            |
|  |                  | 10          | -      | 3,20               | -      | 1,00                  | 3,20 | 4,80 | 230             | 1.110 | 1.460 | -                     | -   | -               | -            | -               | -            |
|  |                  | 13          | -      | 4,20               | -      | 1,10                  | 4,20 | 5,30 | 230             | 1.530 | 1.810 | -                     | -   | -               | -            | -               | -            |
|  |                  | 16          | -      | 5,50               | -      | 1,10                  | 5,50 | 6,20 | 230             | 2.340 | 2.530 | -                     | -   | -               | -            | -               | -            |
|  | 2 unit operation | 05          | 05     | 2,00               | 2,00   | 1,20                  | 4,00 | 5,90 | 240             | 850   | 1.820 | 3.96                  | 2.3 | 4.10            | 5.00         | A+              | A++          |
|  |                  | 07          | 05     | 2,50               | 2,00   | 1,30                  | 4,50 | 6,10 | 240             | 990   | 1.780 | 4.59                  | 2.6 | 4.20            | 5.20         | A+              | A+++         |
|  |                  | 10          | 05     | 3,20               | 2,00   | 1,30                  | 5,20 | 7,30 | 240             | 1.270 | 2.300 | 5.84                  | 3.0 | 4.30            | 5.30         | A+              | A+++         |
|  |                  | 13          | 05     | 3,79               | 1,81   | 1,30                  | 5,60 | 7,80 | 240             | 1.290 | 2.490 | 5.93                  | 3.2 | 4.50            | 5.60         | A+              | A+++         |
|  |                  | 16          | 05     | 4,11               | 1,49   | 1,30                  | 5,60 | 8,20 | 240             | 1.280 | 2.470 | 5.89                  | 3.2 | 4.60            | 5.80         | A++             | A+++         |
|  |                  | 07          | 07     | 2,50               | 2,50   | 1,30                  | 5,00 | 7,20 | 240             | 1.130 | 2.250 | 5.22                  | 2.9 | 4.40            | 5.50         | A+              | A+++         |
|  |                  | 10          | 07     | 3,14               | 2,46   | 1,30                  | 5,60 | 8,20 | 240             | 1.340 | 2.510 | 6.15                  | 3.2 | 4.60            | 5.80         | A++             | A+++         |
|  |                  | 13          | 07     | 3,51               | 2,09   | 1,30                  | 5,60 | 8,20 | 240             | 1.240 | 2.440 | 5.71                  | 3.2 | 4.60            | 5.80         | A++             | A+++         |
|  |                  | 16          | 07     | 3,85               | 1,75   | 1,30                  | 5,60 | 8,20 | 240             | 1.220 | 2.420 | 5.62                  | 3.2 | 4.60            | 5.80         | A++             | A+++         |
|  |                  | 10          | 10     | 2,80               | 2,80   | 1,30                  | 5,60 | 8,20 | 240             | 1.340 | 2.510 | 6.15                  | 3.2 | 4.60            | 5.80         | A++             | A+++         |
|  |                  | 13          | 10     | 3,18               | 2,42   | 1,30                  | 5,60 | 8,20 | 240             | 1.240 | 2.440 | 5.71                  | 3.2 | 4.60            | 5.80         | A++             | A+++         |
|  |                  | 16          | 10     | 3,54               | 2,06   | 1,30                  | 5,60 | 8,20 | 240             | 1.220 | 2.420 | 5.62                  | 3.2 | 4.60            | 5.80         | A++             | A+++         |
|  |                  | 13          | 13     | 2,80               | 2,80   | 1,30                  | 5,60 | 8,20 | 240             | 1.150 | 2.360 | 5.31                  | 3.2 | 4.70            | 6.00         | A++             | A+++         |
|  |                  | 16          | 13     | 3,18               | 2,42   | 1,30                  | 5,60 | 8,20 | 240             | 1.140 | 2.340 | 5.26                  | 3.2 | 4.80            | 6.00         | A++             | A+++         |
|  |                  | 16          | 16     | 2,80               | 2,80   | 1,30                  | 5,60 | 8,20 | 240             | 1.110 | 2.320 | 5.103                 | 3.2 | 4.90            | 6.10         | A++             | A+++         |



## RAS MULTI INDOOR UNITS

RAS-3M18G3AVG-E - PERFORMANCES DATA TRI-SPLIT SIZE 18

|              | Operating status | Combination |        |        | Unit capacity (kW) |        |        | Cooling capacity (kW) |      |      | Power input (W) |       |       | Operating current (A) | PDC  | SEER | Label |
|--------------|------------------|-------------|--------|--------|--------------------|--------|--------|-----------------------|------|------|-----------------|-------|-------|-----------------------|------|------|-------|
|              |                  | Unit A      | Unit B | Unit C | Unit A             | Unit B | Unit C | Min.                  | Nom. | Max. | Min.            | Nom.  | Max.  | Nom.                  |      |      |       |
| COOLING MODE | 1 unit operation | 05          | -      | -      | 1,50               | -      | -      | 1,20                  | 1,50 | 2,00 | 280             | 350   | 490   | -                     | -    | -    | -     |
|              |                  | 07          | -      | -      | 2,00               | -      | -      | 1,20                  | 2,00 | 2,90 | 270             | 460   | 830   | -                     | -    | -    | -     |
|              |                  | 10          | -      | -      | 2,50               | -      | -      | 1,20                  | 2,50 | 3,20 | 270             | 600   | 940   | -                     | -    | -    | -     |
|              |                  | 13          | -      | -      | 3,50               | -      | -      | 1,20                  | 3,50 | 4,10 | 260             | 990   | 1.230 | -                     | -    | -    | -     |
|              |                  | 16          | -      | -      | 4,60               | -      | -      | 1,20                  | 4,60 | 5,30 | 260             | 1.530 | 2.330 | -                     | -    | -    | -     |
| COOLING MODE | 2 unit operation | 05          | 05     | -      | 1,50               | 1,50   | -      | 1,40                  | 3,00 | 4,80 | 360             | 650   | 1.340 | 3.26                  | 3.00 | 6.50 | A++   |
|              |                  | 07          | 05     | -      | 2,00               | 1,50   | -      | 1,60                  | 3,50 | 4,90 | 350             | 770   | 1.380 | 3.60                  | 3.50 | 6.70 | A++   |
|              |                  | 10          | 05     | -      | 2,50               | 1,50   | -      | 1,60                  | 4,00 | 5,60 | 350             | 940   | 1.590 | 4.36                  | 4.00 | 6.80 | A++   |
|              |                  | 13          | 05     | -      | 3,50               | 1,50   | -      | 1,60                  | 5,00 | 6,40 | 340             | 1.360 | 2.410 | 6.24                  | 5.00 | 7.00 | A++   |
|              |                  | 16          | 05     | -      | 3,92               | 1,28   | -      | 1,60                  | 5,20 | 6,50 | 340             | 1.470 | 2.440 | 6.73                  | 5.20 | 7.00 | A++   |
|              |                  | 07          | 07     | -      | 2,00               | 2,00   | -      | 1,60                  | 4,00 | 5,80 | 350             | 920   | 1.600 | 4.27                  | 4.00 | 6.90 | A++   |
|              |                  | 10          | 07     | -      | 2,50               | 2,00   | -      | 1,60                  | 4,50 | 6,40 | 350             | 1.120 | 2.450 | 5.17                  | 4.50 | 6.80 | A++   |
|              |                  | 13          | 07     | -      | 3,31               | 1,89   | -      | 1,60                  | 5,20 | 6,50 | 340             | 1.420 | 2.430 | 6.51                  | 5.20 | 7.10 | A++   |
|              |                  | 16          | 07     | -      | 3,62               | 1,58   | -      | 1,60                  | 5,20 | 6,50 | 340             | 1.400 | 2.430 | 6.42                  | 5.20 | 7.20 | A++   |
|              |                  | 10          | 10     | -      | 2,50               | 2,50   | -      | 1,60                  | 5,00 | 6,40 | 350             | 1.370 | 2.430 | 6.29                  | 5.00 | 7.00 | A++   |
|              |                  | 13          | 10     | -      | 3,03               | 2,17   | -      | 1,70                  | 5,20 | 6,50 | 340             | 1.420 | 2.460 | 6.51                  | 5.20 | 7.10 | A++   |
|              |                  | 16          | 10     | -      | 3,37               | 1,83   | -      | 1,70                  | 5,20 | 6,50 | 340             | 1.400 | 2.460 | 6.42                  | 5.20 | 7.20 | A++   |
|              |                  | 13          | 13     | -      | 2,60               | 2,60   | -      | 1,70                  | 5,20 | 6,60 | 330             | 1.340 | 2.460 | 6.15                  | 5.20 | 7.40 | A++   |
|              |                  | 16          | 13     | -      | 2,95               | 2,25   | -      | 1,70                  | 5,20 | 6,70 | 330             | 1.330 | 2.430 | 6.11                  | 5.20 | 7.40 | A++   |
|              |                  | 16          | 16     | -      | 2,60               | 2,60   | -      | 1,70                  | 5,20 | 6,70 | 330             | 1.310 | 2.460 | 6.02                  | 5.20 | 7.50 | A++   |
| COOLING MODE | 3 unit operation | 05          | 05     | 05     | 1,50               | 1,50   | 1,50   | 1,70                  | 4,50 | 6,00 | 300             | 8.30  | 1.480 | 3.87                  | 4.50 | 8.30 | A++   |
|              |                  | 07          | 05     | 05     | 2,00               | 1,50   | 1,50   | 1,70                  | 5,00 | 6,90 | 300             | 9.80  | 1.990 | 4.54                  | 5.00 | 8.50 | A+++  |
|              |                  | 10          | 05     | 05     | 2,36               | 1,42   | 1,42   | 1,70                  | 5,20 | 7,50 | 300             | 1.050 | 2.480 | 4.86                  | 5.20 | 8.40 | A++   |
|              |                  | 13          | 05     | 05     | 2,80               | 1,20   | 1,20   | 1,70                  | 5,20 | 7,50 | 300             | 1.020 | 2.490 | 4.72                  | 5.20 | 8.50 | A+++  |
|              |                  | 16          | 05     | 05     | 3,15               | 1,03   | 1,03   | 1,90                  | 5,20 | 7,50 | 300             | 1.030 | 2.530 | 4.77                  | 5.20 | 8.40 | A++   |
|              |                  | 07          | 07     | 05     | 1,89               | 1,89   | 1,42   | 1,90                  | 5,20 | 7,50 | 300             | 1.040 | 2.510 | 4.81                  | 5.20 | 8.50 | A+++  |
|              |                  | 10          | 07     | 05     | 2,17               | 1,73   | 1,30   | 1,90                  | 5,20 | 7,50 | 300             | 1.040 | 2.510 | 4.81                  | 5.20 | 8.50 | A+++  |
|              |                  | 13          | 07     | 05     | 2,60               | 1,49   | 1,11   | 1,90                  | 5,20 | 7,50 | 300             | 1.010 | 2.490 | 4.68                  | 5.20 | 8.60 | A+++  |
|              |                  | 16          | 07     | 05     | 2,95               | 1,28   | 0,96   | 2,00                  | 5,20 | 7,50 | 300             | 1.000 | 2.480 | 4.63                  | 5.20 | 8.60 | A+++  |
|              |                  | 10          | 10     | 05     | 2,00               | 2,00   | 1,20   | 2,00                  | 5,20 | 7,50 | 300             | 1.040 | 2.490 | 4.81                  | 5.20 | 8.50 | A+++  |
|              |                  | 13          | 10     | 05     | 2,43               | 1,73   | 1,04   | 2,00                  | 5,20 | 7,50 | 300             | 1.010 | 2.490 | 4.68                  | 5.20 | 8.60 | A+++  |
|              |                  | 16          | 10     | 05     | 2,78               | 1,51   | 0,91   | 2,00                  | 5,20 | 7,50 | 300             | 1.010 | 2.460 | 4.68                  | 5.20 | 8.60 | A+++  |
|              |                  | 13          | 13     | 05     | 2,14               | 2,14   | 0,92   | 2,00                  | 5,20 | 7,50 | 300             | 990   | 2.460 | 4.59                  | 5.20 | 8.60 | A+++  |
|              |                  | 16          | 13     | 05     | 2,49               | 1,90   | 0,81   | 2,00                  | 5,20 | 7,50 | 300             | 990   | 2.490 | 4.59                  | 5.20 | 8.80 | A+++  |
|              |                  | 07          | 07     | 07     | 1,73               | 1,73   | 1,73   | 2,00                  | 5,20 | 7,50 | 300             | 1.020 | 2.460 | 4.72                  | 5.20 | 8.60 | A+++  |
|              |                  | 10          | 07     | 07     | 2,00               | 1,60   | 1,60   | 2,00                  | 5,20 | 7,50 | 300             | 1.020 | 2.460 | 4.72                  | 5.20 | 8.60 | A+++  |
|              |                  | 13          | 07     | 07     | 2,43               | 1,39   | 1,39   | 2,00                  | 5,20 | 7,50 | 300             | 1.000 | 2.430 | 4.63                  | 5.20 | 8.60 | A+++  |
|              |                  | 16          | 07     | 07     | 2,78               | 1,21   | 1,21   | 2,00                  | 5,20 | 7,50 | 300             | 1.000 | 2.420 | 4.63                  | 5.20 | 8.60 | A+++  |
|              |                  | 10          | 10     | 07     | 1,86               | 1,86   | 1,49   | 2,00                  | 5,20 | 7,50 | 300             | 1.020 | 2.470 | 4.72                  | 5.20 | 8.60 | A+++  |
|              |                  | 13          | 10     | 07     | 2,28               | 1,63   | 1,30   | 2,00                  | 5,20 | 7,50 | 300             | 9.90  | 2.470 | 4.59                  | 5.20 | 8.60 | A+++  |
|              |                  | 16          | 10     | 07     | 2,63               | 1,43   | 1,14   | 2,00                  | 5,20 | 7,50 | 300             | 1.000 | 2.440 | 4.63                  | 5.20 | 8.60 | A+++  |
|              |                  | 13          | 13     | 07     | 2,02               | 2,02   | 1,16   | 2,00                  | 5,20 | 7,50 | 300             | 9.90  | 2.430 | 4.59                  | 5.20 | 8.80 | A+++  |
|              |                  | 16          | 13     | 07     | 2,37               | 1,80   | 1,03   | 2,00                  | 5,20 | 7,50 | 300             | 9.80  | 2.470 | 4.54                  | 5.20 | 8.80 | A+++  |
|              |                  | 10          | 10     | 10     | 1,73               | 1,73   | 1,73   | 2,00                  | 5,20 | 7,50 | 300             | 1.020 | 2.440 | 4.72                  | 5.20 | 8.60 | A+++  |
|              |                  | 13          | 10     | 10     | 2,14               | 1,53   | 1,53   | 2,00                  | 5,20 | 7,50 | 300             | 1.000 | 2.430 | 4.63                  | 5.20 | 8.60 | A+++  |
|              |                  | 16          | 10     | 10     | 2,49               | 1,35   | 1,35   | 2,00                  | 5,20 | 7,50 | 300             | 1.000 | 2.400 | 4.63                  | 5.20 | 8.60 | A+++  |
|              |                  | 13          | 13     | 10     | 1,92               | 1,92   | 1,37   | 2,00                  | 5,20 | 7,50 | 300             | 990   | 2.380 | 4.59                  | 5.20 | 8.60 | A+++  |





## RAS MULTI INDOOR UNITS

RAS-3M18G3AVG-E - PERFORMANCES DATA TRI-SPLIT SIZE 18

| HEATING MODE     | Operating status | Combination |        |        | Unit capacity (kW) |        |        | Heating capacity (kW) |      |      | Power input (W) |       |       | Operating current (A) | PDH | SCOP            |              | Label           |              |
|------------------|------------------|-------------|--------|--------|--------------------|--------|--------|-----------------------|------|------|-----------------|-------|-------|-----------------------|-----|-----------------|--------------|-----------------|--------------|
|                  |                  | Unit A      | Unit B | Unit C | Unit A             | Unit B | Unit C | Min.                  | Nom. | Max. | Min.            | Nom.  | Max.  |                       |     | Average climate | Warm climate | Average climate | Warm climate |
|                  |                  |             |        |        |                    |        |        |                       |      |      |                 |       |       |                       |     |                 |              |                 |              |
| 1 unit operation |                  | 05          | -      | -      | 2,00               | -      | -      | 1,00                  | 2,00 | 2,50 | 260             | 820   | 1.170 | -                     | -   | -               | -            | -               | -            |
|                  |                  | 07          | -      | -      | 2,50               | -      | -      | 1,10                  | 2,50 | 3,60 | 270             | 1.090 | 1.480 | -                     | -   | -               | -            | -               | -            |
|                  |                  | 10          | -      | -      | 3,20               | -      | -      | 1,10                  | 3,20 | 4,80 | 270             | 1.320 | 1.860 | -                     | -   | -               | -            | -               | -            |
|                  |                  | 13          | -      | -      | 4,20               | -      | -      | 1,20                  | 4,20 | 5,30 | 270             | 1.560 | 1.970 | -                     | -   | -               | -            | -               | -            |
|                  |                  | 16          | -      | -      | 5,50               | -      | -      | 1,30                  | 5,50 | 6,50 | 270             | 1.980 | 2.330 | -                     | -   | -               | -            | -               | -            |
| 2 unit operation |                  | 05          | 05     | -      | 2,00               | 2,00   | -      | 1,60                  | 4,00 | 6,10 | 300             | 1.070 | 1.930 | 4.95                  | 2.1 | 4.30            | 5.70         | A+              | A+++         |
|                  |                  | 07          | 05     | -      | 2,50               | 2,00   | -      | 1,60                  | 4,50 | 6,10 | 300             | 1.210 | 1.880 | 5.57                  | 2.3 | 4.30            | 5.70         | A+              | A+++         |
|                  |                  | 10          | 05     | -      | 3,20               | 2,00   | -      | 1,60                  | 5,20 | 7,30 | 300             | 1.380 | 2.320 | 6.33                  | 2.7 | 4.40            | 5.70         | A+              | A+++         |
|                  |                  | 13          | 05     | -      | 4,20               | 2,00   | -      | 1,80                  | 6,20 | 7,80 | 340             | 1.650 | 2.400 | 7.53                  | 3.2 | 4.30            | 5.70         | A+              | A+++         |
|                  |                  | 16          | 05     | -      | 4,99               | 1,81   | -      | 1,90                  | 6,80 | 8,20 | 340             | 1.810 | 2.380 | 8.23                  | 3.5 | 4.30            | 5.80         | A+              | A+++         |
|                  |                  | 07          | 07     | -      | 2,50               | 2,50   | -      | 1,80                  | 5,00 | 7,20 | 340             | 1.330 | 2.260 | 6.11                  | 2.6 | 4.30            | 5.70         | A+              | A+++         |
|                  |                  | 10          | 07     | -      | 3,20               | 2,50   | -      | 1,80                  | 5,70 | 8,20 | 340             | 1.530 | 2.420 | 6.99                  | 2.9 | 4.30            | 5.70         | A+              | A+++         |
|                  |                  | 13          | 07     | -      | 4,20               | 2,50   | -      | 1,90                  | 6,70 | 8,20 | 340             | 1.800 | 2.340 | 8.19                  | 3.4 | 4.40            | 5.80         | A+              | A+++         |
|                  |                  | 16          | 07     | -      | 4,68               | 2,13   | -      | 1,90                  | 6,80 | 8,20 | 340             | 1.820 | 2.330 | 8.28                  | 3.5 | 4.40            | 5.80         | A+              | A+++         |
|                  |                  | 10          | 10     | -      | 3,20               | 3,20   | -      | 1,90                  | 6,40 | 8,20 | 340             | 1.710 | 2.420 | 7.79                  | 3.3 | 4.60            | 5.90         | A++             | A+++         |
|                  |                  | 13          | 10     | -      | 3,86               | 2,94   | -      | 1,90                  | 6,80 | 8,20 | 340             | 1.830 | 2.340 | 8.32                  | 3.5 | 4.60            | 5.90         | A++             | A+++         |
|                  |                  | 16          | 10     | -      | 4,30               | 2,50   | -      | 1,90                  | 6,80 | 8,20 | 340             | 1.820 | 2.330 | 8.28                  | 3.5 | 4.60            | 5.90         | A++             | A+++         |
|                  |                  | 13          | 13     | -      | 3,40               | 3,40   | -      | 1,90                  | 6,80 | 8,20 | 340             | 1.800 | 2.280 | 8.19                  | 3.5 | 4.60            | 5.90         | A++             | A+++         |
|                  |                  | 16          | 13     | -      | 3,86               | 2,94   | -      | 1,90                  | 6,80 | 8,20 | 340             | 1.820 | 2.260 | 8.28                  | 3.5 | 4.60            | 5.90         | A++             | A+++         |
|                  |                  | 16          | 16     | -      | 3,40               | 3,40   | -      | 1,90                  | 6,80 | 8,20 | 340             | 1.810 | 2.240 | 8.23                  | 3.5 | 4.60            | 5.90         | A++             | A+++         |
| 3 unit operation |                  | 05          | 05     | 05     | 2,00               | 2,00   | 2,00   | 1,90                  | 6,00 | 7,50 | 350             | 1.380 | 1.990 | 6.33                  | 3.1 | 4.70            | 5.90         | A++             | A+++         |
|                  |                  | 07          | 05     | 05     | 2,50               | 2,00   | 2,00   | 1,90                  | 6,50 | 8,30 | 350             | 1.510 | 2.010 | 6.91                  | 3.3 | 4.70            | 5.80         | A++             | A+++         |
|                  |                  | 10          | 05     | 05     | 3,02               | 1,89   | 1,89   | 1,90                  | 6,80 | 8,30 | 350             | 1.620 | 2.010 | 7.39                  | 3.5 | 4.70            | 5.80         | A++             | A+++         |
|                  |                  | 13          | 05     | 05     | 3,48               | 1,66   | 1,66   | 1,90                  | 6,80 | 8,30 | 350             | 1.570 | 1.970 | 7.17                  | 3.5 | 4.70            | 5.80         | A++             | A+++         |
|                  |                  | 16          | 05     | 05     | 3,94               | 1,43   | 1,43   | 1,90                  | 6,80 | 8,30 | 350             | 1.520 | 1.960 | 6.95                  | 3.5 | 4.70            | 5.70         | A++             | A+++         |
|                  |                  | 07          | 07     | 05     | 2,43               | 2,43   | 1,94   | 1,90                  | 6,80 | 8,30 | 350             | 1.600 | 1.980 | 7.30                  | 3.5 | 4.70            | 5.80         | A++             | A+++         |
|                  |                  | 10          | 07     | 05     | 2,83               | 2,21   | 1,77   | 1,90                  | 6,80 | 8,30 | 350             | 1.600 | 1.980 | 7.30                  | 3.5 | 4.70            | 5.70         | A++             | A+++         |
|                  |                  | 13          | 07     | 05     | 3,28               | 1,95   | 1,56   | 1,90                  | 6,80 | 8,30 | 360             | 1.510 | 1.940 | 6.91                  | 3.5 | 4.70            | 5.70         | A++             | A+++         |
|                  |                  | 16          | 07     | 05     | 3,74               | 1,70   | 1,36   | 1,90                  | 6,80 | 8,30 | 360             | 1.510 | 1.930 | 6.91                  | 3.5 | 4.60            | 5.70         | A++             | A+++         |
|                  |                  | 10          | 10     | 05     | 2,59               | 2,59   | 1,62   | 1,90                  | 6,80 | 8,30 | 350             | 1.600 | 1.980 | 7.30                  | 3.5 | 4.60            | 5.70         | A++             | A+++         |
|                  |                  | 13          | 10     | 05     | 3,04               | 2,31   | 1,45   | 1,90                  | 6,80 | 8,30 | 360             | 1.510 | 1.940 | 6.91                  | 3.5 | 4.60            | 5.70         | A++             | A+++         |
|                  |                  | 16          | 10     | 05     | 3,50               | 2,03   | 1,27   | 1,90                  | 6,80 | 8,30 | 360             | 1.510 | 1.930 | 6.91                  | 3.5 | 4.60            | 5.70         | A++             | A+++         |
|                  |                  | 13          | 13     | 05     | 2,75               | 2,75   | 1,31   | 1,90                  | 6,80 | 8,30 | 360             | 1.440 | 1.900 | 6.60                  | 3.5 | 4.70            | 5.70         | A++             | A+++         |
|                  |                  | 16          | 13     | 05     | 3,20               | 2,44   | 1,16   | 1,90                  | 6,80 | 8,30 | 360             | 1.410 | 1.890 | 6.46                  | 3.5 | 4.60            | 5.70         | A++             | A+++         |
|                  |                  | 07          | 07     | 07     | 2,27               | 2,27   | 2,27   | 1,90                  | 6,80 | 8,30 | 360             | 1.520 | 1.950 | 6.95                  | 3.5 | 4.60            | 5.70         | A++             | A+++         |
|                  |                  | 10          | 07     | 07     | 2,65               | 2,07   | 2,07   | 1,90                  | 6,80 | 8,30 | 360             | 1.520 | 1.950 | 6.95                  | 3.5 | 4.60            | 5.80         | A++             | A+++         |
|                  |                  | 13          | 07     | 07     | 3,10               | 1,85   | 1,85   | 1,90                  | 6,80 | 8,30 | 360             | 1.460 | 1.910 | 6.68                  | 3.5 | 4.60            | 5.80         | A++             | A+++         |
|                  |                  | 16          | 07     | 07     | 3,56               | 1,62   | 1,62   | 1,90                  | 6,80 | 8,30 | 360             | 1.440 | 1.900 | 6.60                  | 3.5 | 4.60            | 5.70         | A++             | A+++         |
|                  |                  | 10          | 10     | 07     | 2,44               | 2,44   | 1,91   | 1,90                  | 6,80 | 8,20 | 360             | 1.520 | 1.950 | 6.95                  | 3.5 | 4.60            | 5.80         | A++             | A+++         |
|                  |                  | 13          | 10     | 07     | 2,88               | 2,20   | 1,72   | 1,90                  | 6,80 | 8,30 | 360             | 1.460 | 1.910 | 6.68                  | 3.5 | 4.80            | 5.80         | A++             | A+++         |
|                  |                  | 16          | 10     | 07     | 3,34               | 1,94   | 1,52   | 1,90                  | 6,80 | 8,30 | 360             | 1.440 | 1.900 | 6.60                  | 3.5 | 4.80            | 5.80         | A++             | A+++         |
|                  |                  | 13          | 13     | 07     | 2,62               | 2,62   | 1,56   | 1,90                  | 6,80 | 8,30 | 370             | 1.370 | 1.880 | 6.29                  | 3.5 | 4.70            | 5.80         | A++             | A+++         |
|                  |                  | 16          | 13     | 07     | 3,07               | 2,34   | 1,39   | 1,90                  | 6,80 | 8,30 | 370             | 1.370 | 1.870 | 6.29                  | 3.5 | 4.70            | 5.80         | A++             | A+++         |
|                  |                  | 10          | 10     | 10     | 2,27               | 2,27   | 2,27   | 1,90                  | 6,80 | 8,30 | 370             | 1.520 | 1.950 | 6.95                  | 3.5 | 4.80            | 5.90         | A++             | A+++         |
|                  |                  | 13          | 10     | 10     | 2,69               | 2,05   | 2,05   | 1,90                  | 6,80 | 8,30 | 370             | 1.460 | 1.910 | 6.68                  | 3.5 | 4.70            | 5.80         | A++             | A+++         |
|                  |                  | 16          | 10     | 10     | 3,14               | 1,83   | 1,83   | 1,90                  | 6,80 | 8,30 | 370             | 1.450 | 1.900 | 6.64                  | 3.5 | 4.80            | 6.00         | A++             | A+++         |
|                  |                  | 13          | 13     | 10     | 2,46               | 2,46   | 1,88   | 1,90                  | 6,80 | 8,30 | 370             | 1.370 | 1.880 | 6.29                  | 3.5 | 4.80            | 6.00         | A++             | A+++         |



## RAS MULTI INDOOR UNITS

RAS-3M26G3AVG-E - PERFORMANCES DATA TRI-SPLIT SIZE 26

| Operating status  | Combination |        |        | Unit capacity (kW) |        |        | Cooling capacity (kW) |      |      | Power input (W) |       |       | Operating current (A) | PDC | SEER | Label |
|-------------------|-------------|--------|--------|--------------------|--------|--------|-----------------------|------|------|-----------------|-------|-------|-----------------------|-----|------|-------|
|                   | Unit A      | Unit B | Unit C | Unit A             | Unit B | Unit C | Min.                  | Nom. | Max. | Min.            | Nom.  | Max.  | Nom.                  |     |      |       |
| 1 unit operation  | 05          | -      | -      | 1,50               | -      | -      | 1,30                  | 1,50 | 2,00 | 350             | 350   | 360   | -                     | -   | -    | -     |
|                   | 07          | -      | -      | 2,00               | -      | -      | 1,37                  | 2,00 | 2,90 | 350             | 480   | 610   | -                     | -   | -    | -     |
|                   | 10          | -      | -      | 2,50               | -      | -      | 1,43                  | 2,50 | 3,20 | 350             | 610   | 700   | -                     | -   | -    | -     |
|                   | 13          | -      | -      | 3,50               | -      | -      | 1,56                  | 3,50 | 4,10 | 350             | 860   | 950   | -                     | -   | -    | -     |
|                   | 16          | -      | -      | 4,60               | -      | -      | 1,70                  | 4,60 | 5,30 | 350             | 1.140 | 1.280 | -                     | -   | -    | -     |
|                   | 18          | -      | -      | 5,00               | -      | -      | 1,75                  | 5,00 | 6,00 | 350             | 1.250 | 1.470 | -                     | -   | -    | -     |
|                   | 22          | -      | -      | 6,10               | -      | -      | 1,89                  | 6,10 | 6,70 | 350             | 1.530 | 1.670 | -                     | -   | -    | -     |
|                   | 24          | -      | -      | 7,00               | -      | -      | 2,00                  | 7,00 | 7,70 | 350             | 1.750 | 1.940 | -                     | -   | -    | -     |
| 2 units operation | 05          | 05     | -      | 1,50               | 1,50   | -      | 1,50                  | 3,00 | 4,00 | 350             | 740   | 920   | 3.46                  | 3.0 | 6.90 | A++   |
|                   | 07          | 05     | -      | 2,00               | 1,50   | -      | 1,56                  | 3,50 | 4,90 | 350             | 860   | 1.170 | 4.00                  | 3.5 | 7.20 | A++   |
|                   | 10          | 05     | -      | 2,50               | 1,50   | -      | 1,62                  | 4,00 | 5,20 | 350             | 990   | 1.250 | 4.59                  | 4.0 | 7.40 | A++   |
|                   | 13          | 05     | -      | 3,50               | 1,50   | -      | 1,75                  | 5,00 | 6,10 | 350             | 1.250 | 1.500 | 5.75                  | 5.0 | 7.80 | A++   |
|                   | 16          | 05     | -      | 4,60               | 1,50   | -      | 1,89                  | 6,10 | 7,30 | 350             | 1.530 | 1.830 | 6.99                  | 6.1 | 8.30 | A++   |
|                   | 18          | 05     | -      | 5,00               | 1,50   | -      | 1,94                  | 6,50 | 8,00 | 350             | 1.630 | 2.030 | 7.44                  | 6.5 | 8.40 | A++   |
|                   | 22          | 05     | -      | 5,62               | 1,38   | -      | 2,00                  | 7,00 | 8,70 | 350             | 1.750 | 2.220 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 24          | 05     | -      | 5,76               | 1,24   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 07          | 07     | -      | 2,00               | 2,00   | -      | 1,62                  | 4,00 | 5,80 | 350             | 990   | 1.420 | 4.59                  | 4.0 | 7.40 | A++   |
|                   | 10          | 07     | -      | 2,50               | 2,00   | -      | 1,69                  | 4,50 | 6,10 | 350             | 1.120 | 1.500 | 5.17                  | 4.5 | 7.50 | A++   |
|                   | 13          | 07     | -      | 3,50               | 2,00   | -      | 1,81                  | 5,50 | 7,00 | 350             | 1.370 | 1.750 | 6.29                  | 5.5 | 8.00 | A++   |
|                   | 16          | 07     | -      | 4,60               | 2,00   | -      | 1,95                  | 6,60 | 8,20 | 350             | 1.650 | 2.080 | 7.53                  | 6.6 | 8.50 | A+++  |
|                   | 18          | 07     | -      | 5,00               | 2,00   | -      | 2,00                  | 7,00 | 8,90 | 350             | 1.750 | 2.280 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 22          | 07     | -      | 5,27               | 1,73   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 24          | 07     | -      | 5,44               | 1,56   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 10          | 10     | -      | 2,50               | 2,50   | -      | 1,75                  | 5,00 | 6,40 | 350             | 1.250 | 1.580 | 5.75                  | 5.0 | 7.80 | A++   |
|                   | 13          | 10     | -      | 3,50               | 2,50   | -      | 1,88                  | 6,00 | 7,30 | 350             | 1.500 | 1.830 | 6.86                  | 6.0 | 8.20 | A++   |
|                   | 16          | 10     | -      | 4,54               | 2,46   | -      | 2,00                  | 7,00 | 8,50 | 350             | 1.750 | 2.170 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 18          | 10     | -      | 4,67               | 2,33   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 22          | 10     | -      | 4,97               | 2,03   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 24          | 10     | -      | 5,16               | 1,84   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 13          | 13     | -      | 3,50               | 3,50   | -      | 2,00                  | 7,00 | 8,20 | 350             | 1.750 | 2.080 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 16          | 13     | -      | 3,98               | 3,02   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 18          | 13     | -      | 4,12               | 2,88   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 22          | 13     | -      | 4,45               | 2,55   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 24          | 13     | -      | 4,67               | 2,33   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 16          | 16     | -      | 3,50               | 3,50   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 18          | 16     | -      | 3,65               | 3,35   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 22          | 16     | -      | 3,99               | 3,01   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 24          | 16     | -      | 4,22               | 2,78   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 18          | 18     | -      | 3,50               | 3,50   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 22          | 18     | -      | 3,85               | 3,15   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
|                   | 24          | 18     | -      | 4,08               | 2,92   | -      | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.60 | A+++  |
| 3 units operation | 05          | 05     | 05     | 1,50               | 1,50   | 1,50   | 1,69                  | 4,50 | 6,00 | 350             | 1.120 | 1.470 | 5.17                  | 4.5 | 7.40 | A++   |
|                   | 07          | 05     | 05     | 2,00               | 1,50   | 1,50   | 1,75                  | 5,00 | 6,90 | 350             | 1.250 | 1.720 | 5.75                  | 5.0 | 7.60 | A++   |
|                   | 10          | 05     | 05     | 2,50               | 1,50   | 1,50   | 1,81                  | 5,50 | 7,20 | 350             | 1.370 | 1.810 | 6.29                  | 5.5 | 7.80 | A++   |
|                   | 13          | 05     | 05     | 3,50               | 1,50   | 1,50   | 1,94                  | 6,50 | 8,10 | 350             | 1.630 | 2.060 | 7.44                  | 6.5 | 8.30 | A++   |
|                   | 16          | 05     | 05     | 4,24               | 1,38   | 1,38   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 18          | 05     | 05     | 4,38               | 1,31   | 1,31   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 22          | 05     | 05     | 4,69               | 1,15   | 1,15   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 24          | 05     | 05     | 4,90               | 1,05   | 1,05   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 07          | 07     | 05     | 2,00               | 2,00   | 1,50   | 1,81                  | 5,50 | 7,80 | 350             | 1.370 | 1.970 | 6.29                  | 5.5 | 7.80 | A++   |
|                   | 10          | 07     | 05     | 2,50               | 2,00   | 1,50   | 1,88                  | 6,00 | 8,10 | 350             | 1.500 | 2.060 | 6.86                  | 6.0 | 8.10 | A++   |
|                   | 13          | 07     | 05     | 3,50               | 2,00   | 1,50   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 16          | 07     | 05     | 3,98               | 1,73   | 1,30   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 18          | 07     | 05     | 4,12               | 1,65   | 1,24   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 22          | 07     | 05     | 4,45               | 1,46   | 1,09   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 24          | 07     | 05     | 4,67               | 1,33   | 1,00   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 10          | 10     | 05     | 2,50               | 2,50   | 1,50   | 1,94                  | 6,50 | 8,40 | 350             | 1.630 | 2.140 | 7.44                  | 6.5 | 8.30 | A++   |
|                   | 13          | 10     | 05     | 3,27               | 2,33   | 1,40   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 16          | 10     | 05     | 3,74               | 2,03   | 1,22   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 18          | 10     | 05     | 3,89               | 1,94   | 1,17   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 22          | 10     | 05     | 4,23               | 1,73   | 1,04   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 24          | 10     | 05     | 4,45               | 1,59   | 0,95   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |
|                   | 13          | 13     | 05     | 2,88               | 2,88   | 1,24   | 2,00                  | 7,00 | 9,00 | 350             | 1.750 | 2.300 | 7.97                  | 7.0 | 8.50 | A+++  |

COOLING MODE



## RAS MULTI INDOOR UNITS

RAS-3M26G3AVG-E - PERFORMANCES DATA TRI-SPLIT SIZE 26

| Operating status | Combination       |        |        | Unit capacity (kW) |        |        | Cooling capacity (kW) |      |      | Power input (W) |      |       | Operating current (A) | PDC  | SEER | Label |      |
|------------------|-------------------|--------|--------|--------------------|--------|--------|-----------------------|------|------|-----------------|------|-------|-----------------------|------|------|-------|------|
|                  | Unit A            | Unit B | Unit C | Unit A             | Unit B | Unit C | Min.                  | Nom. | Max. | Min.            | Nom. | Max.  | Nom.                  |      |      |       |      |
| COOLING MODE     | 3 units operation | 16     | 13     | 05                 | 3,35   | 2,55   | 1,09                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 13     | 05                 | 3,50   | 2,45   | 1,05                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 13     | 05                 | 3,85   | 2,21   | 0,95                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 13     | 05                 | 4,08   | 2,04   | 0,88                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 16     | 05                 | 3,01   | 3,01   | 0,98                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 16     | 05                 | 3,15   | 2,90   | 0,95                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 16     | 05                 | 3,50   | 2,64   | 0,86                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 16     | 05                 | 3,74   | 2,46   | 0,80                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 07     | 07     | 07                 | 2,00   | 2,00   | 2,00                  | 1,88 | 6,00 | 8,70            | 350  | 1.500 | 2.220                 | 6.86 | 6.0  | 8.10  | A++  |
|                  |                   | 10     | 07     | 07                 | 2,50   | 2,00   | 2,00                  | 1,94 | 6,50 | 9,00            | 350  | 1.630 | 2.300                 | 7.44 | 6.5  | 8.30  | A++  |
|                  |                   | 13     | 07     | 07                 | 3,27   | 1,87   | 1,87                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 07     | 07                 | 3,74   | 1,63   | 1,63                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 07     | 07                 | 3,89   | 1,56   | 1,56                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 07     | 07                 | 4,23   | 1,39   | 1,39                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 07     | 07                 | 4,45   | 1,27   | 1,27                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 10     | 10     | 07                 | 2,50   | 2,50   | 2,00                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 13     | 10     | 07                 | 3,06   | 2,19   | 1,75                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 10     | 07                 | 3,54   | 1,92   | 1,54                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 10     | 07                 | 3,68   | 1,84   | 1,47                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 10     | 07                 | 4,03   | 1,65   | 1,32                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 10     | 07                 | 4,26   | 1,52   | 1,22                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 13     | 13     | 07                 | 2,72   | 2,72   | 1,56                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 13     | 07                 | 3,19   | 2,43   | 1,39                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 13     | 07                 | 3,33   | 2,33   | 1,33                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 13     | 07                 | 3,68   | 2,11   | 1,21                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 13     | 07                 | 3,92   | 1,96   | 1,12                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 16     | 07                 | 2,88   | 2,88   | 1,25                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 16     | 07                 | 3,02   | 2,78   | 1,21                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 16     | 07                 | 3,36   | 2,54   | 1,10                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 16     | 07                 | 3,60   | 2,37   | 1,03                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 10     | 10     | 10                 | 2,33   | 2,33   | 2,33                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 13     | 10     | 10                 | 2,88   | 2,06   | 2,06                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 10     | 10                 | 3,35   | 1,82   | 1,82                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 10     | 10                 | 3,50   | 1,75   | 1,75                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 10     | 10                 | 3,85   | 1,58   | 1,58                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 10     | 10                 | 4,08   | 1,46   | 1,46                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 13     | 13     | 10                 | 2,58   | 2,58   | 1,84                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 13     | 10                 | 3,04   | 2,31   | 1,65                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 13     | 10                 | 3,18   | 2,23   | 1,59                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 13     | 10                 | 3,53   | 2,02   | 1,45                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 13     | 10                 | 3,77   | 1,88   | 1,35                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 16     | 10                 | 2,75   | 2,75   | 1,50                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 16     | 10                 | 2,89   | 2,66   | 1,45                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 16     | 10                 | 3,23   | 2,44   | 1,33                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 16     | 10                 | 3,48   | 2,28   | 1,24                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 13     | 13     | 13                 | 2,33   | 2,33   | 2,33                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 13     | 13                 | 2,78   | 2,11   | 2,11                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 13     | 13                 | 2,92   | 2,04   | 2,04                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 13     | 13                 | 3,26   | 1,87   | 1,87                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 13     | 13                 | 3,50   | 1,75   | 1,75                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 16     | 13                 | 2,54   | 2,54   | 1,93                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 16     | 13                 | 2,67   | 2,46   | 1,87                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 16     | 13                 | 3,01   | 2,27   | 1,73                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 24     | 16     | 13                 | 3,25   | 2,13   | 1,62                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 16     | 16     | 16                 | 2,33   | 2,33   | 2,33                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 18     | 16     | 16                 | 2,46   | 2,27   | 2,27                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |
|                  |                   | 22     | 16     | 16                 | 2,79   | 2,10   | 2,10                  | 2,00 | 7,00 | 9,00            | 350  | 1.750 | 2.300                 | 7.97 | 7.0  | 8.50  | A+++ |



## RAS MULTI INDOOR UNITS

RAS-3M26G3AVG-E - PERFORMANCES DATA TRI-SPLIT SIZE 26

| Operating status  | Combination |        |        | Unit capacity (kW) |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) |     | SCOP            |              | Label           |              |
|-------------------|-------------|--------|--------|--------------------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|-----|-----------------|--------------|-----------------|--------------|
|                   | Unit A      | Unit B | Unit C | Unit A             | Unit B | Unit C | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  | PDH | Average climate | Warm climate | Average climate | Warm climate |
| 1 unit operation  | 05          | -      | -      | 2,00               | -      | -      | 1,20                  | 2,00 | 2,50  | 300             | 560   | 750   | -                     | -   | -               | -            | -               | -            |
|                   | 07          | -      | -      | 2,50               | -      | -      | 1,26                  | 2,50 | 3,60  | 310             | 670   | 1.020 | -                     | -   | -               | -            | -               | -            |
|                   | 10          | -      | -      | 3,20               | -      | -      | 1,35                  | 3,20 | 4,80  | 320             | 820   | 1.300 | -                     | -   | -               | -            | -               | -            |
|                   | 13          | -      | -      | 4,20               | -      | -      | 1,47                  | 4,20 | 5,30  | 320             | 1.040 | 1.420 | -                     | -   | -               | -            | -               | -            |
|                   | 16          | -      | -      | 5,50               | -      | -      | 1,62                  | 5,50 | 6,50  | 340             | 1.320 | 1.710 | -                     | -   | -               | -            | -               | -            |
|                   | 18          | -      | -      | 6,00               | -      | -      | 1,68                  | 6,00 | 6,50  | 340             | 1.420 | 1.710 | -                     | -   | -               | -            | -               | -            |
|                   | 22          | -      | -      | 7,00               | -      | -      | 1,80                  | 7,00 | 7,50  | 350             | 1.640 | 1.950 | -                     | -   | -               | -            | -               | -            |
| 2 units operation | 24          | -      | -      | 8,00               | -      | -      | 1,92                  | 8,00 | 8,80  | 360             | 1.850 | 2.260 | -                     | -   | -               | -            | -               | -            |
|                   | 05          | 05     | -      | 2,00               | 2,00   | -      | 1,44                  | 4,00 | 5,00  | 320             | 990   | 1.350 | 4.59                  | 2.4 | 4.10            | 5.50         | A+              | A+++         |
|                   | 07          | 05     | -      | 2,50               | 2,00   | -      | 1,50                  | 4,50 | 6,10  | 330             | 1.100 | 1.610 | 5.08                  | 2.7 | 4.20            | 5.50         | A+              | A+++         |
|                   | 10          | 05     | -      | 3,20               | 2,00   | -      | 1,59                  | 5,20 | 7,30  | 330             | 1.250 | 1.900 | 5.75                  | 3.1 | 4.30            | 5.60         | A+              | A+++         |
|                   | 13          | 05     | -      | 4,20               | 2,00   | -      | 1,71                  | 6,20 | 7,80  | 340             | 1.470 | 2.020 | 6.73                  | 3.7 | 4.30            | 5.40         | A+              | A+++         |
|                   | 16          | 05     | -      | 5,50               | 2,00   | -      | 1,86                  | 7,50 | 9,00  | 350             | 1.750 | 2.310 | 7.97                  | 4.5 | 4.40            | 5.40         | A+              | A+++         |
|                   | 18          | 05     | -      | 6,00               | 2,00   | -      | 1,92                  | 8,00 | 9,00  | 360             | 1.850 | 2.310 | 8.41                  | 4.8 | 4.50            | 5.50         | A+              | A+++         |
|                   | 22          | 05     | -      | 6,77               | 1,93   | -      | 2,00                  | 8,70 | 10,00 | 360             | 2.000 | 2.550 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 24          | 05     | -      | 6,96               | 1,74   | -      | 2,00                  | 8,70 | 11,30 | 360             | 2.000 | 2.860 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 07          | 07     | -      | 2,50               | 2,50   | -      | 1,56                  | 5,00 | 7,20  | 330             | 1.210 | 1.880 | 5.57                  | 3.0 | 4.30            | 5.50         | A+              | A+++         |
|                   | 10          | 07     | -      | 3,20               | 2,50   | -      | 1,65                  | 5,70 | 8,40  | 340             | 1.360 | 2.160 | 6.24                  | 3.4 | 4.30            | 5.50         | A+              | A+++         |
|                   | 13          | 07     | -      | 4,20               | 2,50   | -      | 1,77                  | 6,70 | 8,90  | 350             | 1.580 | 2.280 | 7.22                  | 4.0 | 4.40            | 5.40         | A+              | A+++         |
|                   | 16          | 07     | -      | 5,50               | 2,50   | -      | 1,92                  | 8,00 | 10,10 | 360             | 1.850 | 2.570 | 8.41                  | 4.8 | 4.50            | 5.50         | A+              | A+++         |
|                   | 18          | 07     | -      | 6,00               | 2,50   | -      | 1,98                  | 8,50 | 10,10 | 360             | 1.960 | 2.570 | 8.90                  | 5.1 | 4.50            | 5.60         | A+              | A+++         |
|                   | 22          | 07     | -      | 6,41               | 2,29   | -      | 2,00                  | 8,70 | 11,10 | 360             | 2.000 | 2.810 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 24          | 07     | -      | 6,63               | 2,07   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 10          | 10     | -      | 3,20               | 3,20   | -      | 1,73                  | 6,40 | 9,60  | 340             | 1.510 | 2.450 | 6.91                  | 3.8 | 4.40            | 5.40         | A+              | A+++         |
|                   | 13          | 10     | -      | 4,20               | 3,20   | -      | 1,85                  | 7,40 | 10,10 | 350             | 1.730 | 2.570 | 7.88                  | 4.4 | 4.40            | 5.40         | A+              | A+++         |
|                   | 16          | 10     | -      | 5,50               | 3,20   | -      | 2,00                  | 8,70 | 11,30 | 360             | 2.000 | 2.860 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 18          | 10     | -      | 5,67               | 3,03   | -      | 2,00                  | 8,70 | 11,30 | 360             | 2.000 | 2.860 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 22          | 10     | -      | 5,97               | 2,73   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 24          | 10     | -      | 6,21               | 2,49   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 13          | 13     | -      | 4,20               | 4,20   | -      | 1,97                  | 8,40 | 10,60 | 360             | 1.940 | 2.690 | 8.81                  | 5.0 | 4.50            | 5.60         | A+              | A+++         |
|                   | 16          | 13     | -      | 4,93               | 3,77   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 18          | 13     | -      | 5,12               | 3,58   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 22          | 13     | -      | 5,44               | 3,26   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 24          | 13     | -      | 5,70               | 3,00   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 16          | 16     | -      | 4,35               | 4,35   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 18          | 16     | -      | 4,54               | 4,16   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 22          | 16     | -      | 4,87               | 3,83   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 24          | 16     | -      | 5,16               | 3,54   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 18          | 18     | -      | 4,35               | 4,35   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 22          | 18     | -      | 4,68               | 4,02   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 24          | 18     | -      | 4,97               | 3,73   | -      | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
| 3 units operation | 05          | 05     | 05     | 2,00               | 2,00   | 2,00   | 1,68                  | 6,00 | 7,50  | 340             | 1.420 | 1.950 | 6.51                  | 3.6 | 4.50            | 5.50         | A+              | A+++         |
|                   | 07          | 05     | 05     | 2,50               | 2,00   | 2,00   | 1,74                  | 6,50 | 8,60  | 350             | 1.530 | 2.210 | 6.99                  | 3.9 | 4.50            | 5.50         | A+              | A+++         |
|                   | 10          | 05     | 05     | 3,20               | 2,00   | 2,00   | 1,83                  | 7,20 | 9,80  | 350             | 1.680 | 2.500 | 7.66                  | 4.3 | 4.50            | 5.50         | A+              | A+++         |
|                   | 13          | 05     | 05     | 4,20               | 2,00   | 2,00   | 1,95                  | 8,20 | 10,30 | 360             | 1.900 | 2.620 | 8.63                  | 4.9 | 4.50            | 5.50         | A+              | A+++         |
|                   | 16          | 05     | 05     | 5,04               | 1,83   | 1,83   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 18          | 05     | 05     | 5,22               | 1,74   | 1,74   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 22          | 05     | 05     | 5,54               | 1,58   | 1,58   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 24          | 05     | 05     | 5,80               | 1,45   | 1,45   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 07          | 07     | 05     | 2,50               | 2,50   | 2,00   | 1,80                  | 7,00 | 9,70  | 350             | 1.640 | 2.470 | 7.48                  | 4.2 | 4.50            | 5.50         | A+              | A+++         |
|                   | 10          | 07     | 05     | 3,20               | 2,50   | 2,00   | 1,89                  | 7,70 | 10,90 | 360             | 1.790 | 2.760 | 8.14                  | 4.6 | 4.50            | 5.40         | A+              | A+++         |
|                   | 13          | 07     | 05     | 4,20               | 2,50   | 2,00   | 2,00                  | 8,70 | 11,40 | 360             | 2.000 | 2.880 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 16          | 07     | 05     | 4,79               | 2,18   | 1,74   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 18          | 07     | 05     | 4,97               | 2,07   | 1,66   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 22          | 07     | 05     | 5,30               | 1,89   | 1,51   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 24          | 07     | 05     | 5,57               | 1,74   | 1,39   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 10          | 10     | 05     | 3,20               | 3,20   | 2,00   | 1,97                  | 8,40 | 11,50 | 360             | 1.940 | 2.900 | 8.81                  | 5.0 | 4.50            | 5.50         | A+              | A+++         |
|                   | 13          | 10     | 05     | 3,89               | 2,96   | 1,85   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 16          | 10     | 05     | 4,47               | 2,60   | 1,63   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 18          | 10     | 05     | 4,66               | 2,49   | 1,55   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 22          | 10     | 05     | 4,99               | 2,28   | 1,43   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 24          | 10     | 05     | 5,27               | 2,11   | 1,32   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |
|                   | 13          | 13     | 05     | 3,51               | 3,51   | 1,67   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2 | 4.60            | 5.60         | A++             | A+++         |

HEATING MODE



## RAS MULTI INDOOR UNITS

RAS-3M26G3AVG-E - PERFORMANCES DATA TRI-SPLIT SIZE 26

| Operating status                  | Combination |        |        | Unit capacity (kW) |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) | SCOP |                 |              | Label           |              |
|-----------------------------------|-------------|--------|--------|--------------------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|------|-----------------|--------------|-----------------|--------------|
|                                   | Unit A      | Unit B | Unit C | Unit A             | Unit B | Unit C | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  | PDH  | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE<br>3 units operation | 16          | 13     | 05     | 4,09               | 3,12   | 1,49   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 13     | 05     | 4,28               | 3,00   | 1,43   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 13     | 05     | 4,61               | 2,77   | 1,32   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 13     | 05     | 4,90               | 2,57   | 1,23   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 16     | 05     | 3,68               | 3,68   | 1,34   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 16     | 05     | 3,87               | 3,54   | 1,29   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 16     | 05     | 4,20               | 3,30   | 1,20   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 16     | 05     | 4,49               | 3,09   | 1,12   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 07          | 07     | 07     | 2,50               | 2,50   | 2,50   | 1,86                  | 7,50 | 10,80 | 350             | 1.750 | 2.740 | 7.97                  | 4.5  | 4.50            | 5.50         | A+              | A+++         |
|                                   | 10          | 07     | 07     | 3,20               | 2,50   | 2,50   | 1,95                  | 8,20 | 11,50 | 360             | 1.900 | 2.900 | 8.63                  | 4.9  | 4.50            | 5.50         | A+              | A+++         |
|                                   | 13          | 07     | 07     | 3,97               | 2,36   | 2,36   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 07     | 07     | 4,56               | 2,07   | 2,07   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 07     | 07     | 4,75               | 1,98   | 1,98   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 07     | 07     | 5,08               | 1,81   | 1,81   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 07     | 07     | 5,35               | 1,67   | 1,67   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 10          | 10     | 07     | 3,13               | 3,13   | 2,44   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 13          | 10     | 07     | 3,69               | 2,81   | 2,20   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 10     | 07     | 4,27               | 2,49   | 1,94   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 10     | 07     | 4,46               | 2,38   | 1,86   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 10     | 07     | 4,80               | 2,19   | 1,71   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 10     | 07     | 5,08               | 2,03   | 1,59   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 13          | 13     | 07     | 3,35               | 3,35   | 2,00   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 13     | 07     | 3,92               | 3,00   | 1,78   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 13     | 07     | 4,11               | 2,88   | 1,71   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 13     | 07     | 4,45               | 2,67   | 1,59   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 13     | 07     | 4,73               | 2,49   | 1,48   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 16     | 07     | 3,54               | 3,54   | 1,61   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 16     | 07     | 3,73               | 3,42   | 1,55   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 16     | 07     | 4,06               | 3,19   | 1,45   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 16     | 07     | 4,35               | 2,99   | 1,36   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 10          | 10     | 10     | 2,90               | 2,90   | 2,90   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 13          | 10     | 10     | 3,45               | 2,63   | 2,63   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 10     | 10     | 4,02               | 2,34   | 2,34   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 10     | 10     | 4,21               | 2,25   | 2,25   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 10     | 10     | 4,54               | 2,08   | 2,08   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 10     | 10     | 4,83               | 1,93   | 1,93   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 13          | 13     | 10     | 3,15               | 3,15   | 2,40   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 13     | 10     | 3,71               | 2,83   | 2,16   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 13     | 10     | 3,90               | 2,73   | 2,08   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 13     | 10     | 4,23               | 2,54   | 1,93   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 13     | 10     | 4,52               | 2,37   | 1,81   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 16     | 10     | 3,37               | 3,37   | 1,96   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 16     | 10     | 3,55               | 3,26   | 1,89   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 16     | 10     | 3,88               | 3,05   | 1,77   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 16     | 10     | 4,17               | 2,87   | 1,67   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 13          | 13     | 13     | 2,90               | 2,90   | 2,90   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 13     | 13     | 3,44               | 2,63   | 2,63   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 13     | 13     | 3,63               | 2,54   | 2,54   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 13     | 13     | 3,95               | 2,37   | 2,37   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 13     | 13     | 4,24               | 2,23   | 2,23   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 16     | 13     | 3,15               | 3,15   | 2,40   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 16     | 13     | 3,32               | 3,05   | 2,33   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 16     | 13     | 3,65               | 2,87   | 2,19   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 24          | 16     | 13     | 3,93               | 2,70   | 2,06   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 16          | 16     | 16     | 2,90               | 2,90   | 2,90   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 18          | 16     | 16     | 3,07               | 2,81   | 2,81   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |
|                                   | 22          | 16     | 16     | 3,38               | 2,66   | 2,66   | 2,00                  | 8,70 | 11,50 | 360             | 2.000 | 2.900 | 9.07                  | 5.2  | 4.60            | 5.60         | A++             | A+++         |





## RAS MULTI INDOOR UNITS

RAS-4M27G3AVG-E - PERFORMANCES DATA 4-SPLIT SIZE 27

| Operating status  | Combination |        |        |        | Unit capacity (kW) |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) | PDC | SEER | Label |
|-------------------|-------------|--------|--------|--------|--------------------|--------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|-----|------|-------|
|                   | Unit A      | Unit B | Unit C | Unit D | Unit A             | Unit B | Unit C | Unit D | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  |     |      |       |
| 1 unit operation  | 05          | -      | -      | -      | 1,50               | -      | -      | -      | 1,40                  | 1,50 | 2,00  | 350             | 350   | 360   | -                     | -   | -    | -     |
|                   | 07          | -      | -      | -      | 2,00               | -      | -      | -      | 1,45                  | 2,00 | 2,90  | 350             | 470   | 650   | -                     | -   | -    | -     |
|                   | 10          | -      | -      | -      | 2,50               | -      | -      | -      | 1,50                  | 2,50 | 3,20  | 350             | 590   | 750   | -                     | -   | -    | -     |
|                   | 13          | -      | -      | -      | 3,50               | -      | -      | -      | 1,59                  | 3,50 | 4,10  | 350             | 830   | 1.030 | -                     | -   | -    | -     |
|                   | 16          | -      | -      | -      | 4,60               | -      | -      | -      | 1,69                  | 4,60 | 5,30  | 350             | 1.090 | 1.410 | -                     | -   | -    | -     |
|                   | 18          | -      | -      | -      | 5,00               | -      | -      | -      | 1,73                  | 5,00 | 6,00  | 350             | 1.190 | 1.630 | -                     | -   | -    | -     |
|                   | 22          | -      | -      | -      | 6,10               | -      | -      | -      | 1,83                  | 6,10 | 6,70  | 350             | 1.450 | 1.860 | -                     | -   | -    | -     |
| 2 units operation | 05          | 05     | -      | -      | 1,50               | 1,50   | -      | -      | 1,54                  | 3,00 | 4,00  | 350             | 710   | 1.000 | 3.42                  | 3.0 | 6.80 | A++   |
|                   | 07          | 05     | -      | -      | 2,00               | 1,50   | -      | -      | 1,59                  | 3,50 | 4,90  | 350             | 830   | 1.290 | 3.87                  | 3.5 | 7.00 | A++   |
|                   | 10          | 05     | -      | -      | 2,50               | 1,50   | -      | -      | 1,64                  | 4,00 | 5,20  | 350             | 950   | 1.380 | 4.41                  | 4.0 | 7.20 | A++   |
|                   | 13          | 05     | -      | -      | 3,50               | 1,50   | -      | -      | 1,73                  | 5,00 | 6,10  | 350             | 1.190 | 1.670 | 5.48                  | 5.0 | 7.50 | A++   |
|                   | 16          | 05     | -      | -      | 4,60               | 1,50   | -      | -      | 1,83                  | 6,10 | 7,30  | 350             | 1.450 | 2.050 | 6.64                  | 6.1 | 7.90 | A++   |
|                   | 18          | 05     | -      | -      | 5,00               | 1,50   | -      | -      | 1,87                  | 6,50 | 8,00  | 350             | 1.550 | 2.270 | 7.08                  | 6.5 | 8.00 | A++   |
|                   | 22          | 05     | -      | -      | 6,10               | 1,50   | -      | -      | 1,97                  | 7,60 | 8,70  | 350             | 1.810 | 2.490 | 8.23                  | 7.6 | 8.40 | A++   |
|                   | 24          | 05     | -      | -      | 6,59               | 1,41   | -      | -      | 2,00                  | 8,00 | 9,70  | 350             | 1.900 | 2.810 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 07          | 07     | -      | -      | 2,00               | 2,00   | -      | -      | 1,64                  | 4,00 | 5,80  | 350             | 950   | 1.570 | 4.41                  | 4.0 | 7.20 | A++   |
|                   | 10          | 07     | -      | -      | 2,50               | 2,00   | -      | -      | 1,68                  | 4,50 | 6,10  | 350             | 1.070 | 1.670 | 4.95                  | 4.5 | 7.40 | A++   |
|                   | 13          | 07     | -      | -      | 3,50               | 2,00   | -      | -      | 1,77                  | 5,50 | 7,00  | 350             | 1.310 | 1.950 | 6.02                  | 5.5 | 7.70 | A++   |
|                   | 16          | 07     | -      | -      | 4,60               | 2,00   | -      | -      | 1,88                  | 6,60 | 8,20  | 350             | 1.570 | 2.330 | 7.17                  | 6.6 | 8.10 | A++   |
|                   | 18          | 07     | -      | -      | 5,00               | 2,00   | -      | -      | 1,91                  | 7,00 | 8,90  | 350             | 1.670 | 2.560 | 7.61                  | 7.0 | 8.20 | A++   |
|                   | 22          | 07     | -      | -      | 6,02               | 1,98   | -      | -      | 2,00                  | 8,00 | 9,60  | 350             | 1.900 | 2.780 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 24          | 07     | -      | -      | 6,22               | 1,78   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 10          | 10     | -      | -      | 2,50               | 2,50   | -      | -      | 1,73                  | 5,00 | 6,40  | 350             | 1.190 | 1.760 | 5.48                  | 5.0 | 7.50 | A++   |
|                   | 13          | 10     | -      | -      | 3,50               | 2,50   | -      | -      | 1,82                  | 6,00 | 7,30  | 350             | 1.430 | 2.050 | 6.55                  | 6.0 | 7.90 | A++   |
|                   | 16          | 10     | -      | -      | 4,60               | 2,50   | -      | -      | 1,92                  | 7,10 | 8,50  | 350             | 1.690 | 2.430 | 7.70                  | 7.1 | 8.30 | A++   |
|                   | 18          | 10     | -      | -      | 5,00               | 2,50   | -      | -      | 1,96                  | 7,50 | 9,20  | 350             | 1.790 | 2.650 | 8.14                  | 7.5 | 8.40 | A++   |
|                   | 22          | 10     | -      | -      | 5,67               | 2,33   | -      | -      | 2,00                  | 8,00 | 9,90  | 350             | 1.900 | 2.870 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 24          | 10     | -      | -      | 5,89               | 2,11   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 13          | 13     | -      | -      | 3,50               | 3,50   | -      | -      | 1,91                  | 7,00 | 8,20  | 350             | 1.670 | 2.330 | 7.61                  | 7.0 | 8.20 | A++   |
|                   | 16          | 13     | -      | -      | 4,54               | 3,46   | -      | -      | 2,00                  | 8,00 | 9,40  | 350             | 1.900 | 2.710 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 18          | 13     | -      | -      | 4,71               | 3,29   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 22          | 13     | -      | -      | 5,08               | 2,92   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 24          | 13     | -      | -      | 5,33               | 2,67   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 16          | 16     | -      | -      | 4,00               | 4,00   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 18          | 16     | -      | -      | 4,17               | 3,83   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 22          | 16     | -      | -      | 4,56               | 3,44   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 24          | 16     | -      | -      | 4,83               | 3,17   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 18          | 18     | -      | -      | 4,00               | 4,00   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 22          | 18     | -      | -      | 4,40               | 3,60   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
|                   | 24          | 18     | -      | -      | 4,67               | 3,33   | -      | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.50 | A+++  |
| 3 units operation | 05          | 05     | 05     | -      | 1,50               | 1,50   | 1,50   | -      | 1,68                  | 4,50 | 6,00  | 350             | 1.070 | 1.630 | 4.95                  | 4.5 | 7.20 | A++   |
|                   | 07          | 05     | 05     | -      | 2,00               | 1,50   | 1,50   | -      | 1,73                  | 5,00 | 6,90  | 350             | 1.190 | 1.920 | 5.48                  | 5.0 | 7.40 | A++   |
|                   | 10          | 05     | 05     | -      | 2,50               | 1,50   | 1,50   | -      | 1,77                  | 5,50 | 7,20  | 350             | 1.310 | 2.020 | 6.02                  | 5.5 | 7.50 | A++   |
|                   | 13          | 05     | 05     | -      | 3,50               | 1,50   | 1,50   | -      | 1,87                  | 6,50 | 8,10  | 350             | 1.550 | 2.300 | 7.08                  | 6.5 | 7.90 | A++   |
|                   | 16          | 05     | 05     | -      | 4,60               | 1,50   | 1,50   | -      | 1,97                  | 7,60 | 9,30  | 350             | 1.810 | 2.680 | 8.23                  | 7.6 | 8.30 | A++   |
|                   | 18          | 05     | 05     | -      | 5,00               | 1,50   | 1,50   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 22          | 05     | 05     | -      | 5,36               | 1,32   | 1,32   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 24          | 05     | 05     | -      | 5,60               | 1,20   | 1,20   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 07          | 07     | 05     | -      | 2,00               | 2,00   | 1,50   | -      | 1,77                  | 5,50 | 7,80  | 350             | 1.310 | 2.210 | 6.02                  | 5.5 | 7.60 | A++   |
|                   | 10          | 07     | 05     | -      | 2,50               | 2,00   | 1,50   | -      | 1,82                  | 6,00 | 8,10  | 350             | 1.430 | 2.300 | 6.55                  | 6.0 | 7.70 | A++   |
|                   | 13          | 07     | 05     | -      | 3,50               | 2,00   | 1,50   | -      | 1,91                  | 7,00 | 9,00  | 350             | 1.670 | 2.590 | 7.61                  | 7.0 | 8.10 | A++   |
|                   | 16          | 07     | 05     | -      | 4,54               | 1,98   | 1,48   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 18          | 07     | 05     | -      | 4,71               | 1,88   | 1,41   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 22          | 07     | 05     | -      | 5,08               | 1,67   | 1,25   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 24          | 07     | 05     | -      | 5,33               | 1,52   | 1,14   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 10          | 10     | 05     | -      | 2,50               | 2,50   | 1,50   | -      | 1,87                  | 6,50 | 8,40  | 350             | 1.550 | 2.400 | 7.08                  | 6.5 | 7.90 | A++   |
|                   | 13          | 10     | 05     | -      | 3,50               | 2,50   | 1,50   | -      | 1,96                  | 7,50 | 9,30  | 350             | 1.790 | 2.680 | 8.14                  | 7.5 | 8.30 | A++   |
|                   | 16          | 10     | 05     | -      | 4,28               | 2,33   | 1,40   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 18          | 10     | 05     | -      | 4,44               | 2,22   | 1,33   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 22          | 10     | 05     | -      | 4,79               | 2,00   | 1,20   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 24          | 10     | 05     | -      | 5,09               | 1,82   | 1,09   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 13          | 13     | 05     | -      | 3,29               | 3,29   | 1,41   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 16          | 13     | 05     | -      | 3,83               | 2,92   | 1,25   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 18          | 13     | 05     | -      | 4,00               | 2,80   | 1,20   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                   | 22          | 13     | 05     | -      | 4,40               | 2,52   | 1,08   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |

COOLING MODE



## RAS MULTI INDOOR UNITS

### RAS-4M27G3AVG-E - PERFORMANCES DATA 4-SPLIT SIZE 27

| Operating status | Combination |        |        |        | Unit capacity (kW) |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) | PDC | SEER | Label |
|------------------|-------------|--------|--------|--------|--------------------|--------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|-----|------|-------|
|                  | Unit A      | Unit B | Unit C | Unit D | Unit A             | Unit B | Unit C | Unit D | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  |     |      |       |
| COOLING MODE     | 24          | 13     | 05     | -      | 4,67               | 2,33   | 1,00   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 16     | 05     | -      | 3,44               | 3,44   | 1,12   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 16     | 05     | -      | 3,60               | 3,32   | 1,08   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 16     | 05     | -      | 4,00               | 3,02   | 0,98   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 16     | 05     | -      | 4,27               | 2,81   | 0,92   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 18     | 05     | -      | 3,48               | 3,48   | 1,04   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 18     | 05     | -      | 3,87               | 3,17   | 0,95   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 18     | 05     | -      | 4,15               | 2,96   | 0,89   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 07          | 07     | 07     | -      | 2,00               | 2,00   | 2,00   | -      | 1,82                  | 6,00 | 8,70  | 350             | 1.430 | 2.490 | 6.55                  | 6.0 | 7.70 | A++   |
|                  | 10          | 07     | 07     | -      | 2,50               | 2,00   | 2,00   | -      | 1,87                  | 6,50 | 9,00  | 350             | 1.550 | 2.590 | 7.08                  | 6.5 | 7.90 | A++   |
|                  | 13          | 07     | 07     | -      | 3,50               | 2,00   | 2,00   | -      | 1,96                  | 7,50 | 9,90  | 350             | 1.790 | 2.870 | 8.14                  | 7.5 | 8.30 | A++   |
|                  | 16          | 07     | 07     | -      | 4,28               | 1,86   | 1,86   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 07     | 07     | -      | 4,44               | 1,78   | 1,78   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 07     | 07     | -      | 4,83               | 1,58   | 1,58   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 07     | 07     | -      | 5,09               | 1,45   | 1,45   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 10          | 10     | 07     | -      | 2,50               | 2,50   | 2,00   | -      | 1,91                  | 7,00 | 9,30  | 350             | 1.670 | 2.680 | 7.61                  | 7.0 | 8.10 | A++   |
|                  | 13          | 10     | 07     | -      | 3,50               | 2,50   | 2,00   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 10     | 07     | -      | 4,04               | 2,20   | 1,76   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 10     | 07     | -      | 4,21               | 2,11   | 1,68   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 10     | 07     | -      | 4,60               | 1,89   | 1,51   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 10     | 07     | -      | 4,87               | 1,74   | 1,39   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 13          | 13     | 07     | -      | 3,11               | 3,11   | 1,78   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 13     | 07     | -      | 3,64               | 2,77   | 1,58   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 13     | 07     | -      | 3,81               | 2,67   | 1,52   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 13     | 07     | -      | 4,21               | 2,41   | 1,38   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 13     | 07     | -      | 4,48               | 2,24   | 1,28   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 16     | 07     | -      | 3,29               | 3,29   | 1,43   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 16     | 07     | -      | 3,45               | 3,17   | 1,38   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 16     | 07     | -      | 3,84               | 2,90   | 1,26   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 16     | 07     | -      | 4,12               | 2,71   | 1,18   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 18     | 07     | -      | 3,33               | 3,33   | 1,33   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 18     | 07     | -      | 3,73               | 3,05   | 1,22   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 18     | 07     | -      | 4,00               | 2,86   | 1,14   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 10          | 10     | 10     | -      | 2,50               | 2,50   | 2,50   | -      | 1,96                  | 7,50 | 9,60  | 350             | 1.790 | 2.780 | 8.14                  | 7.5 | 8.30 | A++   |
|                  | 13          | 10     | 10     | -      | 3,29               | 2,35   | 2,35   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 10     | 10     | -      | 3,83               | 2,08   | 2,08   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 10     | 10     | -      | 4,00               | 2,00   | 2,00   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 10     | 10     | -      | 4,40               | 1,80   | 1,80   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 10     | 10     | -      | 4,67               | 1,67   | 1,67   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 13          | 13     | 10     | -      | 2,95               | 2,95   | 2,11   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 13     | 10     | -      | 3,47               | 2,64   | 1,89   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 13     | 10     | -      | 3,64               | 2,55   | 1,82   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 13     | 10     | -      | 4,03               | 2,31   | 1,65   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 13     | 10     | -      | 4,31               | 2,15   | 1,54   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 16     | 10     | -      | 3,15               | 3,15   | 1,71   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 16     | 10     | -      | 3,31               | 3,04   | 1,65   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 16     | 10     | -      | 3,70               | 2,79   | 1,52   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 16     | 10     | -      | 3,97               | 2,61   | 1,42   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 18     | 10     | -      | 3,20               | 3,20   | 1,60   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 18     | 10     | -      | 3,59               | 2,94   | 1,47   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 18     | 10     | -      | 3,86               | 2,76   | 1,38   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 13          | 13     | 13     | -      | 2,67               | 2,67   | 2,67   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 13     | 13     | -      | 3,17               | 2,41   | 2,41   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 13     | 13     | -      | 3,33               | 2,33   | 2,33   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 13     | 13     | -      | 3,73               | 2,14   | 2,14   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 13     | 13     | -      | 4,00               | 2,00   | 2,00   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 16     | 13     | -      | 2,90               | 2,90   | 2,20   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 16     | 13     | -      | 3,05               | 2,81   | 2,14   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 16     | 13     | -      | 3,44               | 2,59   | 1,97   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 24          | 16     | 13     | -      | 3,71               | 2,44   | 1,85   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 18     | 13     | -      | 2,96               | 2,96   | 2,07   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 18     | 13     | -      | 3,34               | 2,74   | 1,92   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 16          | 16     | 16     | -      | 2,67               | 2,67   | 2,67   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 18          | 16     | 16     | -      | 2,82               | 2,59   | 2,59   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |
|                  | 22          | 16     | 16     | -      | 3,19               | 2,41   | 2,41   | -      | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.40 | A++   |



## RAS MULTI INDOOR UNITS

RAS-4M27G3AVG-E - PERFORMANCES DATA 4-SPLIT SIZE 27

| Operating status                      | Combination |        |        |        | Unit capacity (kW) |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) | PDC | SEER | Label |
|---------------------------------------|-------------|--------|--------|--------|--------------------|--------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|-----|------|-------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit A             | Unit B | Unit C | Unit D | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  |     |      |       |
| COOLING MODE<br><br>4 units operation | 05          | 05     | 05     | 05     | 1,50               | 1,50   | 1,50   | 1,50   | 1,82                  | 6,00 | 8,00  | 350             | 1.430 | 2.270 | 6.55                  | 6.0 | 7.60 | A++   |
|                                       | 07          | 05     | 05     | 05     | 2,00               | 1,50   | 1,50   | 1,50   | 1,87                  | 6,50 | 8,90  | 350             | 1.550 | 2.560 | 7.08                  | 6.5 | 7.80 | A++   |
|                                       | 10          | 05     | 05     | 05     | 2,50               | 1,50   | 1,50   | 1,50   | 1,91                  | 7,00 | 9,20  | 350             | 1.670 | 2.650 | 7.61                  | 7.0 | 8.00 | A++   |
|                                       | 13          | 05     | 05     | 05     | 3,50               | 1,50   | 1,50   | 1,50   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 05     | 05     | 05     | 4,04               | 1,32   | 1,32   | 1,32   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 05     | 05     | 05     | 4,21               | 1,26   | 1,26   | 1,26   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 05     | 05     | 05     | 4,60               | 1,13   | 1,13   | 1,13   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 05     | 05     | 05     | 4,87               | 1,04   | 1,04   | 1,04   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 07          | 07     | 05     | 05     | 2,00               | 2,00   | 1,50   | 1,50   | 1,91                  | 7,00 | 9,80  | 350             | 1.670 | 2.840 | 7.61                  | 7.0 | 8.00 | A++   |
|                                       | 10          | 07     | 05     | 05     | 2,50               | 2,00   | 1,50   | 1,50   | 1,96                  | 7,50 | 10,00 | 350             | 1.790 | 2.900 | 8.14                  | 7.5 | 8.10 | A++   |
|                                       | 13          | 07     | 05     | 05     | 3,29               | 1,88   | 1,41   | 1,41   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 07     | 05     | 05     | 3,83               | 1,67   | 1,25   | 1,25   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 07     | 05     | 05     | 4,00               | 1,60   | 1,20   | 1,20   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 07     | 05     | 05     | 4,40               | 1,44   | 1,08   | 1,08   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 07     | 05     | 05     | 4,67               | 1,33   | 1,00   | 1,00   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 10          | 10     | 05     | 05     | 2,50               | 2,50   | 1,50   | 1,50   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 10     | 05     | 05     | 3,11               | 2,22   | 1,33   | 1,33   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 10     | 05     | 05     | 3,64               | 1,98   | 1,19   | 1,19   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 10     | 05     | 05     | 3,81               | 1,90   | 1,14   | 1,14   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 10     | 05     | 05     | 4,21               | 1,72   | 1,03   | 1,03   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 10     | 05     | 05     | 4,48               | 1,60   | 0,96   | 0,96   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 05     | 05     | 2,80               | 2,80   | 1,20   | 1,20   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 13     | 05     | 05     | 3,32               | 2,52   | 1,08   | 1,08   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 13     | 05     | 05     | 3,48               | 2,43   | 1,04   | 1,04   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 13     | 05     | 05     | 3,87               | 2,22   | 0,95   | 0,95   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 13     | 05     | 05     | 4,15               | 2,07   | 0,89   | 0,89   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 16     | 05     | 05     | 3,02               | 3,02   | 0,98   | 0,98   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 16     | 05     | 05     | 3,17               | 2,92   | 0,95   | 0,95   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 18     | 05     | 05     | 3,08               | 3,08   | 0,92   | 0,92   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 07          | 07     | 07     | 05     | 2,00               | 2,00   | 2,00   | 1,50   | 1,96                  | 7,50 | 10,00 | 350             | 1.790 | 2.900 | 8.14                  | 7.5 | 8.10 | A++   |
|                                       | 10          | 07     | 07     | 05     | 2,50               | 2,00   | 2,00   | 1,50   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 07     | 07     | 05     | 3,11               | 1,78   | 1,78   | 1,33   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 07     | 07     | 05     | 3,64               | 1,58   | 1,58   | 1,19   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 07     | 07     | 05     | 3,81               | 1,52   | 1,52   | 1,14   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 07     | 07     | 05     | 4,21               | 1,38   | 1,38   | 1,03   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 07     | 07     | 05     | 4,48               | 1,28   | 1,28   | 0,96   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 10          | 10     | 07     | 05     | 2,35               | 2,35   | 1,88   | 1,41   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 10     | 07     | 05     | 2,95               | 2,11   | 1,68   | 1,26   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 10     | 07     | 05     | 3,47               | 1,89   | 1,51   | 1,13   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 10     | 07     | 05     | 3,64               | 1,82   | 1,45   | 1,09   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 10     | 07     | 05     | 4,03               | 1,65   | 1,32   | 0,99   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 10     | 07     | 05     | 4,31               | 1,54   | 1,23   | 0,92   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 07     | 05     | 2,67               | 2,67   | 1,52   | 1,14   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 13     | 07     | 05     | 3,17               | 2,41   | 1,38   | 1,03   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 13     | 07     | 05     | 3,33               | 2,33   | 1,33   | 1,00   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 13     | 07     | 05     | 3,73               | 2,14   | 1,22   | 0,92   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 13     | 07     | 05     | 4,00               | 2,00   | 1,14   | 0,86   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 16     | 07     | 05     | 2,90               | 2,90   | 1,26   | 0,94   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 16     | 07     | 05     | 3,05               | 2,81   | 1,22   | 0,92   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 18     | 07     | 05     | 2,96               | 2,96   | 1,19   | 0,89   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 10          | 10     | 10     | 05     | 2,22               | 2,22   | 2,22   | 1,33   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 10     | 10     | 05     | 2,80               | 2,00   | 2,00   | 1,20   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 10     | 10     | 05     | 3,32               | 1,80   | 1,80   | 1,08   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 10     | 10     | 05     | 3,48               | 1,74   | 1,74   | 1,04   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 10     | 10     | 05     | 3,87               | 1,59   | 1,59   | 0,95   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 10     | 10     | 05     | 4,15               | 1,48   | 1,48   | 0,89   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 10     | 05     | 2,55               | 2,55   | 1,82   | 1,09   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 13     | 10     | 05     | 3,04               | 2,31   | 1,65   | 0,99   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 13     | 10     | 05     | 3,20               | 2,24   | 1,60   | 0,96   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 13     | 10     | 05     | 3,59               | 2,06   | 1,47   | 0,88   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 13     | 10     | 05     | 3,86               | 1,93   | 1,38   | 0,83   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 16     | 10     | 05     | 2,79               | 2,79   | 1,52   | 0,91   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 16     | 10     | 05     | 2,94               | 2,71   | 1,47   | 0,88   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 18     | 10     | 05     | 2,86               | 2,86   | 1,43   | 0,86   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 13     | 05     | 2,33               | 2,33   | 2,33   | 1,00   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |



## RAS MULTI INDOOR UNITS

### RAS-4M27G3AVG-E - PERFORMANCES DATA 4-SPLIT SIZE 27

| Operating status                      | Combination |        |        |        | Unit capacity (kW) |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) | PDC | SEER | Label |
|---------------------------------------|-------------|--------|--------|--------|--------------------|--------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|-----|------|-------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit A             | Unit B | Unit C | Unit D | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  |     |      |       |
| COOLING MODE<br><br>4 units operation | 16          | 13     | 13     | 05     | 2,81               | 2,14   | 2,14   | 0,92   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 13     | 13     | 05     | 2,96               | 2,07   | 2,07   | 0,89   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 16     | 13     | 05     | 2,59               | 2,59   | 1,97   | 0,85   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 16     | 13     | 05     | 2,74               | 2,52   | 1,92   | 0,82   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 07          | 07     | 07     | 07     | 2,00               | 2,00   | 2,00   | 2,00   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 10          | 07     | 07     | 07     | 2,35               | 1,88   | 1,88   | 1,88   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 07     | 07     | 07     | 2,95               | 1,68   | 1,68   | 1,68   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 07     | 07     | 07     | 3,47               | 1,51   | 1,51   | 1,51   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 07     | 07     | 07     | 3,64               | 1,45   | 1,45   | 1,45   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 07     | 07     | 07     | 4,03               | 1,32   | 1,32   | 1,32   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 07     | 07     | 07     | 4,31               | 1,23   | 1,23   | 1,23   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 10          | 10     | 07     | 07     | 2,22               | 2,22   | 1,78   | 1,78   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 10     | 07     | 07     | 2,80               | 2,00   | 1,60   | 1,60   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 10     | 07     | 07     | 3,32               | 1,80   | 1,44   | 1,44   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 10     | 07     | 07     | 3,48               | 1,74   | 1,39   | 1,39   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 10     | 07     | 07     | 3,87               | 1,59   | 1,27   | 1,27   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 10     | 07     | 07     | 4,15               | 1,48   | 1,19   | 1,19   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 07     | 07     | 2,55               | 2,55   | 1,45   | 1,45   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 13     | 07     | 07     | 3,04               | 2,31   | 1,32   | 1,32   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 13     | 07     | 07     | 3,20               | 2,24   | 1,28   | 1,28   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 13     | 07     | 07     | 3,59               | 2,06   | 1,18   | 1,18   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 13     | 07     | 07     | 3,86               | 1,93   | 1,10   | 1,10   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 16     | 07     | 07     | 2,79               | 2,79   | 1,21   | 1,21   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 16     | 07     | 07     | 2,94               | 2,71   | 1,18   | 1,18   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 18     | 07     | 07     | 2,86               | 2,86   | 1,14   | 1,14   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 10          | 10     | 10     | 07     | 2,11               | 2,11   | 2,11   | 1,68   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 10     | 10     | 07     | 2,67               | 1,90   | 1,90   | 1,52   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 10     | 10     | 07     | 3,17               | 1,72   | 1,72   | 1,38   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 10     | 10     | 07     | 3,33               | 1,67   | 1,67   | 1,33   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 10     | 10     | 07     | 3,73               | 1,53   | 1,53   | 1,22   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 10     | 10     | 07     | 4,00               | 1,43   | 1,43   | 1,14   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 10     | 07     | 2,43               | 2,43   | 1,74   | 1,39   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 13     | 10     | 07     | 2,92               | 2,22   | 1,59   | 1,27   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 13     | 10     | 07     | 3,08               | 2,15   | 1,54   | 1,23   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 13     | 10     | 07     | 3,46               | 1,99   | 1,42   | 1,13   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 13     | 10     | 07     | 3,73               | 1,87   | 1,33   | 1,07   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 16     | 10     | 07     | 2,69               | 2,69   | 1,46   | 1,17   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 16     | 10     | 07     | 2,84               | 2,61   | 1,42   | 1,13   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 18     | 10     | 07     | 2,76               | 2,76   | 1,38   | 1,10   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 13     | 07     | 2,24               | 2,24   | 2,24   | 1,28   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 13     | 13     | 07     | 2,71               | 2,06   | 2,06   | 1,18   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 13     | 13     | 07     | 2,86               | 2,00   | 2,00   | 1,14   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 16     | 13     | 07     | 2,50               | 2,50   | 1,90   | 1,09   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 16     | 13     | 07     | 2,65               | 2,44   | 1,85   | 1,06   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 10          | 10     | 10     | 10     | 2,00               | 2,00   | 2,00   | 2,00   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 10     | 10     | 10     | 2,55               | 1,82   | 1,82   | 1,82   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 10     | 10     | 10     | 3,04               | 1,65   | 1,65   | 1,65   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 10     | 10     | 10     | 3,20               | 1,60   | 1,60   | 1,60   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 22          | 10     | 10     | 10     | 3,59               | 1,47   | 1,47   | 1,47   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 24          | 10     | 10     | 10     | 3,86               | 1,38   | 1,38   | 1,38   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 10     | 10     | 2,33               | 2,33   | 1,67   | 1,67   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 13     | 10     | 10     | 2,81               | 2,14   | 1,53   | 1,53   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 13     | 10     | 10     | 2,96               | 2,07   | 1,48   | 1,48   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 16     | 10     | 10     | 2,59               | 2,59   | 1,41   | 1,41   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 16     | 10     | 10     | 2,74               | 2,52   | 1,37   | 1,37   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 13     | 10     | 2,15               | 2,15   | 2,15   | 1,54   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 16          | 13     | 13     | 10     | 2,61               | 1,99   | 1,99   | 1,42   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 18          | 13     | 13     | 10     | 2,76               | 1,93   | 1,93   | 1,38   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |
|                                       | 13          | 13     | 13     | 13     | 2,00               | 2,00   | 2,00   | 2,00   | 2,00                  | 8,00 | 10,00 | 350             | 1.900 | 2.900 | 8.63                  | 8.0 | 8.30 | A++   |



# RAS MULTI INDOOR UNITS

RAS-4M27G3AVG-E - PERFORMANCES DATA 4-SPLIT SIZE 27

| Operating status  | Combination |        |        |        | Unit capacity (kW) |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) |     | SCOP            |              |                 |              | Label |   |
|-------------------|-------------|--------|--------|--------|--------------------|--------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|-----|-----------------|--------------|-----------------|--------------|-------|---|
|                   | Unit A      | Unit B | Unit C | Unit D | Unit A             | Unit B | Unit C | Unit D | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  | PDH | Average climate | Warm climate | Average climate | Warm climate |       |   |
|                   |             |        |        |        |                    |        |        |        |                       |      |       |                 |       |       |                       |     |                 |              |                 |              |       |   |
| 1 unit operation  | 05          | -      | -      | -      | 2,00               | -      | -      | -      | 1,30                  | 2,00 | 2,50  | 300             | 550   | 750   | -                     | -   | -               | -            | -               | -            | -     | - |
|                   | 07          | -      | -      | -      | 2,50               | -      | -      | -      | 1,35                  | 2,50 | 3,60  | 310             | 650   | 990   | -                     | -   | -               | -            | -               | -            | -     | - |
|                   | 10          | -      | -      | -      | 3,20               | -      | -      | -      | 1,42                  | 3,20 | 4,80  | 320             | 790   | 1.250 | -                     | -   | -               | -            | -               | -            | -     | - |
|                   | 13          | -      | -      | -      | 4,20               | -      | -      | -      | 1,52                  | 4,20 | 5,30  | 330             | 980   | 1.360 | -                     | -   | -               | -            | -               | -            | -     | - |
|                   | 16          | -      | -      | -      | 5,50               | -      | -      | -      | 1,65                  | 5,50 | 6,50  | 350             | 1.230 | 1.620 | -                     | -   | -               | -            | -               | -            | -     | - |
|                   | 18          | -      | -      | -      | 6,00               | -      | -      | -      | 1,70                  | 6,00 | 6,50  | 360             | 1.330 | 1.620 | -                     | -   | -               | -            | -               | -            | -     | - |
|                   | 22          | -      | -      | -      | 7,00               | -      | -      | -      | 1,80                  | 7,00 | 7,50  | 370             | 1.520 | 1.830 | -                     | -   | -               | -            | -               | -            | -     | - |
|                   | 24          | -      | -      | -      | 8,00               | -      | -      | -      | 1,90                  | 8,00 | 8,80  | 380             | 1.710 | 2.110 | -                     | -   | -               | -            | -               | -            | -     | - |
| 2 units operation | 05          | 05     | -      | -      | 2,00               | 2,00   | -      | -      | 1,50                  | 4,00 | 5,00  | 330             | 940   | 1.290 | 4.36                  | 2.3 | 4.10            | 5.90         | A+              | A+++         |       |   |
|                   | 07          | 05     | -      | -      | 2,50               | 2,00   | -      | -      | 1,55                  | 4,50 | 6,10  | 340             | 1.040 | 1.530 | 4.81                  | 2.6 | 4.20            | 6.00         | A+              | A+++         |       |   |
|                   | 10          | 05     | -      | -      | 3,20               | 2,00   | -      | -      | 1,62                  | 5,20 | 7,30  | 350             | 1.170 | 1.790 | 5.39                  | 3.0 | 4.30            | 6.00         | A+              | A+++         |       |   |
|                   | 13          | 05     | -      | -      | 4,20               | 2,00   | -      | -      | 1,72                  | 6,20 | 7,80  | 360             | 1.360 | 1.900 | 6.24                  | 3.6 | 4.30            | 5.90         | A+              | A+++         |       |   |
|                   | 16          | 05     | -      | -      | 5,50               | 2,00   | -      | -      | 1,85                  | 7,50 | 9,00  | 380             | 1.620 | 2.160 | 7.39                  | 4.3 | 4.30            | 5.50         | A+              | A+++         |       |   |
|                   | 18          | 05     | -      | -      | 6,00               | 2,00   | -      | -      | 1,90                  | 8,00 | 9,00  | 380             | 1.710 | 2.160 | 7.79                  | 4.6 | 4.30            | 5.50         | A+              | A+++         |       |   |
|                   | 22          | 05     | -      | -      | 7,00               | 2,00   | -      | -      | 2,00                  | 9,00 | 10,00 | 390             | 1.900 | 2.370 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 24          | 05     | -      | -      | 7,20               | 1,80   | -      | -      | 2,00                  | 9,00 | 11,30 | 390             | 1.900 | 2.650 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 07          | 07     | -      | -      | 2,50               | 2,50   | -      | -      | 1,60                  | 5,00 | 7,20  | 340             | 1.130 | 1.770 | 5.22                  | 2.9 | 4.30            | 6.00         | A+              | A+++         |       |   |
|                   | 10          | 07     | -      | -      | 3,20               | 2,50   | -      | -      | 1,67                  | 5,70 | 8,40  | 350             | 1.270 | 2.030 | 5.84                  | 3.3 | 4.30            | 6.00         | A+              | A+++         |       |   |
|                   | 13          | 07     | -      | -      | 4,20               | 2,50   | -      | -      | 1,77                  | 6,70 | 8,90  | 370             | 1.460 | 2.140 | 6.68                  | 3.9 | 4.30            | 5.90         | A+              | A+++         |       |   |
|                   | 16          | 07     | -      | -      | 5,50               | 2,50   | -      | -      | 1,90                  | 8,00 | 10,10 | 380             | 1.710 | 2.390 | 7.79                  | 4.6 | 4.30            | 5.60         | A+              | A+++         |       |   |
|                   | 18          | 07     | -      | -      | 6,00               | 2,50   | -      | -      | 1,95                  | 8,50 | 10,10 | 390             | 1.810 | 2.390 | 8.23                  | 4.9 | 4.40            | 5.60         | A+              | A+++         |       |   |
|                   | 22          | 07     | -      | -      | 6,63               | 2,37   | -      | -      | 2,00                  | 9,00 | 11,10 | 390             | 1.900 | 2.610 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 24          | 07     | -      | -      | 6,86               | 2,14   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 10          | 10     | -      | -      | 3,20               | 3,20   | -      | -      | 1,74                  | 6,40 | 9,60  | 360             | 1.400 | 2.290 | 6.42                  | 3.7 | 4.30            | 5.90         | A+              | A+++         |       |   |
|                   | 13          | 10     | -      | -      | 4,20               | 3,20   | -      | -      | 1,84                  | 7,40 | 10,10 | 370             | 1.600 | 2.390 | 7.30                  | 4.3 | 4.30            | 5.60         | A+              | A+++         |       |   |
|                   | 16          | 10     | -      | -      | 5,50               | 3,20   | -      | -      | 1,97                  | 8,70 | 11,30 | 390             | 1.850 | 2.650 | 8.41                  | 5.0 | 4.40            | 5.70         | A+              | A+++         |       |   |
|                   | 18          | 10     | -      | -      | 5,87               | 3,13   | -      | -      | 2,00                  | 9,00 | 11,30 | 390             | 1.900 | 2.650 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 22          | 10     | -      | -      | 6,18               | 2,82   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 24          | 10     | -      | -      | 6,43               | 2,57   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 13          | 13     | -      | -      | 4,20               | 4,20   | -      | -      | 1,94                  | 8,40 | 10,60 | 390             | 1.790 | 2.500 | 8.14                  | 4.9 | 4.40            | 5.60         | A+              | A+++         |       |   |
|                   | 16          | 13     | -      | -      | 5,10               | 3,90   | -      | -      | 2,00                  | 9,00 | 11,80 | 390             | 1.900 | 2.760 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 18          | 13     | -      | -      | 5,29               | 3,71   | -      | -      | 2,00                  | 9,00 | 11,80 | 390             | 1.900 | 2.760 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 22          | 13     | -      | -      | 5,63               | 3,38   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 24          | 13     | -      | -      | 5,90               | 3,10   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 16          | 16     | -      | -      | 4,50               | 4,50   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 18          | 16     | -      | -      | 4,70               | 4,30   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 22          | 16     | -      | -      | 5,04               | 3,96   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 24          | 16     | -      | -      | 5,33               | 3,67   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 18          | 18     | -      | -      | 4,50               | 4,50   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 22          | 18     | -      | -      | 4,85               | 4,15   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 24          | 18     | -      | -      | 5,14               | 3,86   | -      | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
| 3 units operation | 05          | 05     | 05     | -      | 2,00               | 2,00   | 2,00   | -      | 1,70                  | 6,00 | 7,50  | 360             | 1.330 | 1.830 | 6.11                  | 3.5 | 4.50            | 6.10         | A+              | A+++         |       |   |
|                   | 07          | 05     | 05     | -      | 2,50               | 2,00   | 2,00   | -      | 1,75                  | 6,50 | 8,60  | 360             | 1.420 | 2.070 | 6.51                  | 3.8 | 4.50            | 5.90         | A+              | A+++         |       |   |
|                   | 10          | 05     | 05     | -      | 3,20               | 2,00   | 2,00   | -      | 1,82                  | 7,20 | 9,80  | 370             | 1.560 | 2.330 | 7.13                  | 4.2 | 4.50            | 5.80         | A+              | A+++         |       |   |
|                   | 13          | 05     | 05     | -      | 4,20               | 2,00   | 2,00   | -      | 1,92                  | 8,20 | 10,30 | 380             | 1.750 | 2.440 | 7.97                  | 4.7 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 16          | 05     | 05     | -      | 5,21               | 1,89   | 1,89   | -      | 2,00                  | 9,00 | 11,50 | 390             | 1.900 | 2.700 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 18          | 05     | 05     | -      | 5,40               | 1,80   | 1,80   | -      | 2,00                  | 9,00 | 11,50 | 390             | 1.900 | 2.700 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 22          | 05     | 05     | -      | 5,73               | 1,64   | 1,64   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 24          | 05     | 05     | -      | 6,00               | 1,50   | 1,50   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 07          | 07     | 05     | -      | 2,50               | 2,50   | 2,00   | -      | 1,80                  | 7,00 | 9,70  | 370             | 1.520 | 2.310 | 6.95                  | 4.0 | 4.50            | 5.90         | A+              | A+++         |       |   |
|                   | 10          | 07     | 05     | -      | 3,20               | 2,50   | 2,00   | -      | 1,87                  | 7,70 | 10,90 | 380             | 1.650 | 2.570 | 7.53                  | 4.4 | 4.50            | 5.80         | A+              | A+++         |       |   |
|                   | 13          | 07     | 05     | -      | 4,20               | 2,50   | 2,00   | -      | 1,97                  | 8,70 | 11,40 | 390             | 1.850 | 2.680 | 8.41                  | 5.0 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 16          | 07     | 05     | -      | 4,95               | 2,25   | 1,80   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 18          | 07     | 05     | -      | 5,14               | 2,14   | 1,71   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 22          | 07     | 05     | -      | 5,48               | 1,96   | 1,57   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 24          | 07     | 05     | -      | 5,76               | 1,80   | 1,44   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 10          | 10     | 05     | -      | 3,20               | 3,20   | 2,00   | -      | 1,94                  | 8,40 | 12,00 | 390             | 1.790 | 2.800 | 8.14                  | 4.9 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 13          | 10     | 05     | -      | 4,02               | 3,06   | 1,91   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 16          | 10     | 05     | -      | 4,63               | 2,69   | 1,68   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 18          | 10     | 05     | -      | 4,82               | 2,57   | 1,61   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 22          | 10     | 05     | -      | 5,16               | 2,36   | 1,48   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 24          | 10     | 05     | -      | 5,45               | 2,18   | 1,36   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 13          | 13     | 05     | -      | 3,63               | 3,63   | 1,73   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 16          | 13     | 05     | -      | 4,23               | 3,23   | 1,54   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 18          | 13     | 05     | -      | 4,43               | 3,10   | 1,48   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |
|                   | 22          | 13     | 05     | -      | 4,77               | 2,86   | 1,36   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |       |   |

HEATING MODE





## RAS MULTI INDOOR UNITS

RAS-4M27G3AVG-E - PERFORMANCES DATA 4-SPLIT SIZE 27

| Operating status                      | Combination |        |        |        | Unit capacity (kW) |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) |     | SCOP            |              | Label           |              |
|---------------------------------------|-------------|--------|--------|--------|--------------------|--------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|-----|-----------------|--------------|-----------------|--------------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit A             | Unit B | Unit C | Unit D | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  | PDH | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE<br><br>3 units operation | 24          | 13     | 05     | -      | 5,07               | 2,66   | 1,27   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 16     | 05     | -      | 3,81               | 3,81   | 1,38   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 16     | 05     | -      | 4,00               | 3,67   | 1,33   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 16     | 05     | -      | 4,34               | 3,41   | 1,24   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 16     | 05     | -      | 4,65               | 3,19   | 1,16   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 18     | 05     | -      | 3,86               | 3,86   | 1,29   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 18     | 05     | -      | 4,20               | 3,60   | 1,20   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 18     | 05     | -      | 4,50               | 3,38   | 1,13   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 07          | 07     | 07     | -      | 2,50               | 2,50   | 2,50   | -      | 1,85                  | 7,50 | 10,80 | 380             | 1.620 | 2.550 | 7.39                  | 4.3 | 4.50            | 5.80         | A+              | A+++         |
|                                       | 10          | 07     | 07     | -      | 3,20               | 2,50   | 2,50   | -      | 1,92                  | 8,20 | 12,00 | 380             | 1.750 | 2.800 | 7.97                  | 4.7 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 13          | 07     | 07     | -      | 4,11               | 2,45   | 2,45   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 07     | 07     | -      | 4,71               | 2,14   | 2,14   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 07     | 07     | -      | 4,91               | 2,05   | 2,05   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 07     | 07     | -      | 5,25               | 1,88   | 1,88   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 07     | 07     | -      | 5,54               | 1,73   | 1,73   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 10          | 10     | 07     | -      | 3,20               | 3,20   | 2,50   | -      | 1,99                  | 8,90 | 12,00 | 390             | 1.890 | 2.800 | 8.59                  | 5.1 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 13          | 10     | 07     | -      | 3,82               | 2,91   | 2,27   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 10     | 07     | -      | 4,42               | 2,57   | 2,01   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 10     | 07     | -      | 4,62               | 2,46   | 1,92   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 10     | 07     | -      | 4,96               | 2,27   | 1,77   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 10     | 07     | -      | 5,26               | 2,10   | 1,64   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 13          | 13     | 07     | -      | 3,47               | 3,47   | 2,06   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 13     | 07     | -      | 4,06               | 3,10   | 1,84   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 13     | 07     | -      | 4,25               | 2,98   | 1,77   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 13     | 07     | -      | 4,60               | 2,76   | 1,64   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 13     | 07     | -      | 4,90               | 2,57   | 1,53   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 16     | 07     | -      | 3,67               | 3,67   | 1,67   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 16     | 07     | -      | 3,86               | 3,54   | 1,61   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 16     | 07     | -      | 4,20               | 3,30   | 1,50   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 16     | 07     | -      | 4,50               | 3,09   | 1,41   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 18     | 07     | -      | 3,72               | 3,72   | 1,55   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 18     | 07     | -      | 4,06               | 3,48   | 1,45   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 18     | 07     | -      | 4,36               | 3,27   | 1,36   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 10          | 10     | 10     | -      | 3,00               | 3,00   | 3,00   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 13          | 10     | 10     | -      | 3,57               | 2,72   | 2,72   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 10     | 10     | -      | 4,16               | 2,42   | 2,42   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 10     | 10     | -      | 4,35               | 2,32   | 2,32   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 10     | 10     | -      | 4,70               | 2,15   | 2,15   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 10     | 10     | -      | 5,00               | 2,00   | 2,00   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 13          | 13     | 10     | -      | 3,26               | 3,26   | 2,48   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 13     | 10     | -      | 3,84               | 2,93   | 2,23   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 13     | 10     | -      | 4,03               | 2,82   | 2,15   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 13     | 10     | -      | 4,38               | 2,63   | 2,00   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 13     | 10     | -      | 4,68               | 2,45   | 1,87   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 16     | 10     | -      | 3,49               | 3,49   | 2,03   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 16     | 10     | -      | 3,67               | 3,37   | 1,96   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 16     | 10     | -      | 4,01               | 3,15   | 1,83   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 16     | 10     | -      | 4,31               | 2,96   | 1,72   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 18     | 10     | -      | 3,55               | 3,55   | 1,89   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 18     | 10     | -      | 3,89               | 3,33   | 1,78   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 18     | 10     | -      | 4,19               | 3,14   | 1,67   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 13          | 13     | 13     | -      | 3,00               | 3,00   | 3,00   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 13     | 13     | -      | 3,56               | 2,72   | 2,72   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 13     | 13     | -      | 3,75               | 2,63   | 2,63   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 13     | 13     | -      | 4,09               | 2,45   | 2,45   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 13     | 13     | -      | 4,39               | 2,30   | 2,30   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 16     | 13     | -      | 3,26               | 3,26   | 2,49   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 16     | 13     | -      | 3,44               | 3,15   | 2,41   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 16     | 13     | -      | 3,77               | 2,96   | 2,26   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 24          | 16     | 13     | -      | 4,07               | 2,80   | 2,14   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 18     | 13     | -      | 3,33               | 3,33   | 2,33   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 18     | 13     | -      | 3,66               | 3,14   | 2,20   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 16          | 16     | 16     | -      | 3,00               | 3,00   | 3,00   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 18          | 16     | 16     | -      | 3,18               | 2,91   | 2,91   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |
|                                       | 22          | 16     | 16     | -      | 3,50               | 2,75   | 2,75   | -      | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.70         | A+              | A+++         |



## RAS MULTI INDOOR UNITS

RAS-4M27G3AVG-E - PERFORMANCES DATA 4-SPLIT SIZE 27

| Operating status                      | Combination |        |        |        | Unit capacity (kW) |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) |     | SCOP            |              | Label           |              |
|---------------------------------------|-------------|--------|--------|--------|--------------------|--------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|-----|-----------------|--------------|-----------------|--------------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit A             | Unit B | Unit C | Unit D | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  | PDH | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE<br><br>4 units operation | 05          | 05     | 05     | 05     | 2,00               | 2,00   | 2,00   | 2,00   | 1,90                  | 8,00 | 10,00 | 380             | 1.710 | 2.370 | 7.79                  | 4.6 | 4.30            | 5.40         | A+              | A+++         |
|                                       | 07          | 05     | 05     | 05     | 2,50               | 2,00   | 2,00   | 2,00   | 1,95                  | 8,50 | 11,10 | 390             | 1.810 | 2.610 | 8.23                  | 4.9 | 4.40            | 5.50         | A+              | A+++         |
|                                       | 10          | 05     | 05     | 05     | 3,13               | 1,96   | 1,96   | 1,96   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 05     | 05     | 05     | 3,71               | 1,76   | 1,76   | 1,76   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 05     | 05     | 05     | 4,30               | 1,57   | 1,57   | 1,57   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 05     | 05     | 05     | 4,50               | 1,50   | 1,50   | 1,50   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 05     | 05     | 05     | 4,85               | 1,38   | 1,38   | 1,38   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 05     | 05     | 05     | 5,14               | 1,29   | 1,29   | 1,29   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 07          | 07     | 05     | 05     | 2,50               | 2,50   | 2,00   | 2,00   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 10          | 07     | 05     | 05     | 2,97               | 2,32   | 1,86   | 1,86   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 07     | 05     | 05     | 3,53               | 2,10   | 1,68   | 1,68   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 07     | 05     | 05     | 4,13               | 1,88   | 1,50   | 1,50   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 07     | 05     | 05     | 4,32               | 1,80   | 1,44   | 1,44   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 07     | 05     | 05     | 4,67               | 1,67   | 1,33   | 1,33   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 07     | 05     | 05     | 4,97               | 1,55   | 1,24   | 1,24   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 10          | 10     | 05     | 05     | 2,77               | 2,77   | 1,73   | 1,73   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 10     | 05     | 05     | 3,32               | 2,53   | 1,58   | 1,58   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 10     | 05     | 05     | 3,90               | 2,27   | 1,42   | 1,42   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 10     | 05     | 05     | 4,09               | 2,18   | 1,36   | 1,36   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 10     | 05     | 05     | 4,44               | 2,03   | 1,27   | 1,27   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 10     | 05     | 05     | 4,74               | 1,89   | 1,18   | 1,18   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 05     | 05     | 3,05               | 3,05   | 1,45   | 1,45   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 13     | 05     | 05     | 3,61               | 2,76   | 1,31   | 1,31   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 13     | 05     | 05     | 3,80               | 2,66   | 1,27   | 1,27   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 13     | 05     | 05     | 4,14               | 2,49   | 1,18   | 1,18   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 13     | 05     | 05     | 4,44               | 2,33   | 1,11   | 1,11   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 16     | 05     | 05     | 3,30               | 3,30   | 1,20   | 1,20   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 16     | 05     | 05     | 3,48               | 3,19   | 1,16   | 1,16   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 18     | 05     | 05     | 3,38               | 3,38   | 1,13   | 1,13   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 07          | 07     | 07     | 05     | 2,37               | 2,37   | 2,37   | 1,89   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 10          | 07     | 07     | 05     | 2,82               | 2,21   | 2,21   | 1,76   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 07     | 07     | 05     | 3,38               | 2,01   | 2,01   | 1,61   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 07     | 07     | 05     | 3,96               | 1,80   | 1,80   | 1,44   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 07     | 07     | 05     | 4,15               | 1,73   | 1,73   | 1,38   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 07     | 07     | 05     | 4,50               | 1,61   | 1,61   | 1,29   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 07     | 07     | 05     | 4,80               | 1,50   | 1,50   | 1,20   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 10          | 10     | 07     | 05     | 2,64               | 2,64   | 2,06   | 1,65   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 10     | 07     | 05     | 3,18               | 2,42   | 1,89   | 1,51   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 10     | 07     | 05     | 3,75               | 2,18   | 1,70   | 1,36   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 10     | 07     | 05     | 3,94               | 2,10   | 1,64   | 1,31   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 10     | 07     | 05     | 4,29               | 1,96   | 1,53   | 1,22   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 10     | 07     | 05     | 4,59               | 1,83   | 1,43   | 1,15   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 07     | 05     | 2,93               | 2,93   | 1,74   | 1,40   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 13     | 07     | 05     | 3,49               | 2,66   | 1,58   | 1,27   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 13     | 07     | 05     | 3,67               | 2,57   | 1,53   | 1,22   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 13     | 07     | 05     | 4,01               | 2,41   | 1,43   | 1,15   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 13     | 07     | 05     | 4,31               | 2,26   | 1,35   | 1,08   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 16     | 07     | 05     | 3,19               | 3,19   | 1,45   | 1,16   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 16     | 07     | 05     | 3,38               | 3,09   | 1,41   | 1,13   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 18     | 07     | 05     | 3,27               | 3,27   | 1,36   | 1,09   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 05     | 2,48               | 2,48   | 2,48   | 1,55   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 10     | 10     | 05     | 3,00               | 2,29   | 2,29   | 1,43   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 05     | 3,56               | 2,07   | 2,07   | 1,29   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 10     | 10     | 05     | 3,75               | 2,00   | 2,00   | 1,25   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 05     | 4,09               | 1,87   | 1,87   | 1,17   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 05     | 4,39               | 1,76   | 1,76   | 1,10   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 10     | 05     | 2,78               | 2,78   | 2,12   | 1,32   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 13     | 10     | 05     | 3,32               | 2,54   | 1,93   | 1,21   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 13     | 10     | 05     | 3,51               | 2,45   | 1,87   | 1,17   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 13     | 10     | 05     | 3,84               | 2,30   | 1,76   | 1,10   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 13     | 10     | 05     | 4,14               | 2,17   | 1,66   | 1,03   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 16     | 10     | 05     | 3,06               | 3,06   | 1,78   | 1,11   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 16     | 10     | 05     | 3,23               | 2,96   | 1,72   | 1,08   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 18     | 10     | 05     | 3,14               | 3,14   | 1,67   | 1,05   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 13     | 05     | 2,59               | 2,59   | 2,59   | 1,23   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |



## RAS MULTI INDOOR UNITS

RAS-4M27G3AVG-E - PERFORMANCES DATA 4-SPLIT SIZE 27

| Operating status                      | Combination |        |        |        | Unit capacity (kW) |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |       |       | Operating current (A) |     | SCOP            |              | Label           |              |
|---------------------------------------|-------------|--------|--------|--------|--------------------|--------|--------|--------|-----------------------|------|-------|-----------------|-------|-------|-----------------------|-----|-----------------|--------------|-----------------|--------------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit A             | Unit B | Unit C | Unit D | Min.                  | Nom. | Max.  | Min.            | Nom.  | Max.  | Nom.                  | PDH | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE<br><br>4 units operation | 16          | 13     | 13     | 05     | 3,11               | 2,38   | 2,38   | 1,13   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 13     | 13     | 05     | 3,29               | 2,30   | 2,30   | 1,10   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 16     | 13     | 05     | 2,88               | 2,88   | 2,20   | 1,05   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 16     | 13     | 05     | 3,05               | 2,80   | 2,14   | 1,02   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 07          | 07     | 07     | 07     | 2,25               | 2,25   | 2,25   | 2,25   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 10          | 07     | 07     | 07     | 2,69               | 2,10   | 2,10   | 2,10   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 07     | 07     | 07     | 3,23               | 1,92   | 1,92   | 1,92   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 07     | 07     | 07     | 3,81               | 1,73   | 1,73   | 1,73   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 07     | 07     | 07     | 4,00               | 1,67   | 1,67   | 1,67   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 07     | 07     | 07     | 4,34               | 1,55   | 1,55   | 1,55   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 07     | 07     | 07     | 4,65               | 1,45   | 1,45   | 1,45   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 10          | 10     | 07     | 07     | 2,53               | 2,53   | 1,97   | 1,97   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 10     | 07     | 07     | 3,05               | 2,32   | 1,81   | 1,81   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 10     | 07     | 07     | 3,61               | 2,10   | 1,64   | 1,64   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 10     | 07     | 07     | 3,80               | 2,03   | 1,58   | 1,58   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 10     | 07     | 07     | 4,14               | 1,89   | 1,48   | 1,48   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 10     | 07     | 07     | 4,44               | 1,78   | 1,39   | 1,39   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 07     | 07     | 2,82               | 2,82   | 1,68   | 1,68   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 13     | 07     | 07     | 3,37               | 2,57   | 1,53   | 1,53   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 13     | 07     | 07     | 3,55               | 2,49   | 1,48   | 1,48   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 13     | 07     | 07     | 3,89               | 2,33   | 1,39   | 1,39   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 13     | 07     | 07     | 4,19               | 2,20   | 1,31   | 1,31   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 16     | 07     | 07     | 3,09               | 3,09   | 1,41   | 1,41   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 16     | 07     | 07     | 3,27               | 3,00   | 1,36   | 1,36   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 18     | 07     | 07     | 3,18               | 3,18   | 1,32   | 1,32   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 07     | 2,38               | 2,38   | 2,38   | 1,86   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 10     | 10     | 07     | 2,89               | 2,20   | 2,20   | 1,72   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 07     | 3,44               | 2,00   | 2,00   | 1,56   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 10     | 10     | 07     | 3,62               | 1,93   | 1,93   | 1,51   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 07     | 3,96               | 1,81   | 1,81   | 1,42   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 07     | 4,26               | 1,70   | 1,70   | 1,33   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 10     | 07     | 2,68               | 2,68   | 2,04   | 1,60   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 13     | 10     | 07     | 3,21               | 2,45   | 1,87   | 1,46   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 13     | 10     | 07     | 3,40               | 2,38   | 1,81   | 1,42   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 13     | 10     | 07     | 3,73               | 2,24   | 1,70   | 1,33   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 13     | 10     | 07     | 4,02               | 2,11   | 1,61   | 1,26   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 16     | 10     | 07     | 2,96               | 2,96   | 1,72   | 1,35   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 16     | 10     | 07     | 3,14               | 2,88   | 1,67   | 1,31   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 18     | 10     | 07     | 3,05               | 3,05   | 1,63   | 1,27   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 13     | 07     | 2,50               | 2,50   | 2,50   | 1,49   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 13     | 13     | 07     | 3,02               | 2,30   | 2,30   | 1,37   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 13     | 13     | 07     | 3,20               | 2,24   | 2,24   | 1,33   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 16     | 13     | 07     | 2,80               | 2,80   | 2,14   | 1,27   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 16     | 13     | 07     | 2,97               | 2,72   | 2,08   | 1,24   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 10     | 2,25               | 2,25   | 2,25   | 2,25   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 10     | 10     | 10     | 2,74               | 2,09   | 2,09   | 2,09   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 10     | 3,28               | 1,91   | 1,91   | 1,91   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 10     | 10     | 10     | 3,46               | 1,85   | 1,85   | 1,85   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 10     | 3,80               | 1,73   | 1,73   | 1,73   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 10     | 4,09               | 1,64   | 1,64   | 1,64   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 10     | 10     | 2,55               | 2,55   | 1,95   | 1,95   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 13     | 10     | 10     | 3,07               | 2,35   | 1,79   | 1,79   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 13     | 10     | 10     | 3,25               | 2,28   | 1,73   | 1,73   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 16     | 10     | 10     | 2,84               | 2,84   | 1,66   | 1,66   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 16     | 10     | 10     | 3,02               | 2,77   | 1,61   | 1,61   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 13     | 10     | 2,39               | 2,39   | 2,39   | 1,82   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 16          | 13     | 13     | 10     | 2,89               | 2,21   | 2,21   | 1,68   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 18          | 13     | 13     | 10     | 3,07               | 2,15   | 2,15   | 1,64   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |
|                                       | 13          | 13     | 13     | 13     | 2,25               | 2,25   | 2,25   | 2,25   | 2,00                  | 9,00 | 12,00 | 390             | 1.900 | 2.800 | 8.63                  | 5.2 | 4.50            | 5.60         | A+              | A+++         |



# RAS MULTI INDOOR UNITS

## RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status  | Combination |        |        |        |        | Unit capacity (kW) |        |        |        |        | Cooling capacity (kW) |       |       | Power input (W) |       |       | Operating current (A)<br>Nom. | PDC  | SEER | Label |
|-------------------|-------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|-------------------------------|------|------|-------|
|                   | Unit A      | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  |                               |      |      |       |
| 1 unit operation  | 05          | -      | -      | -      | -      | 1,50               | -      | -      | -      | -      | 1,40                  | 1,50  | 2,00  | 630             | 640   | 650   | -                             | -    | -    | -     |
|                   | 07          | -      | -      | -      | -      | 2,00               | -      | -      | -      | -      | 1,47                  | 2,00  | 2,90  | 640             | 650   | 700   | -                             | -    | -    | -     |
|                   | 10          | -      | -      | -      | -      | 2,50               | -      | -      | -      | -      | 1,53                  | 2,50  | 3,20  | 640             | 750   | 950   | -                             | -    | -    | -     |
|                   | 13          | -      | -      | -      | -      | 3,50               | -      | -      | -      | -      | 1,66                  | 3,50  | 4,10  | 640             | 1.200 | 1.520 | -                             | -    | -    | -     |
|                   | 16          | -      | -      | -      | -      | 4,60               | -      | -      | -      | -      | 1,81                  | 4,60  | 5,30  | 640             | 1.650 | 2.000 | -                             | -    | -    | -     |
|                   | 18          | -      | -      | -      | -      | 5,00               | -      | -      | -      | -      | 1,86                  | 5,00  | 6,00  | 640             | 1.950 | 2.100 | -                             | -    | -    | -     |
|                   | 22          | -      | -      | -      | -      | 6,10               | -      | -      | -      | -      | 2,00                  | 6,10  | 6,70  | 660             | 2.020 | 2.500 | -                             | -    | -    | -     |
|                   | 24          | -      | -      | -      | -      | 7,00               | -      | -      | -      | -      | 2,12                  | 7,00  | 7,70  | 660             | 2.390 | 2.960 | -                             | -    | -    | -     |
| 2 units operation | 05          | 05     | -      | -      | -      | 1,50               | 1,50   | -      | -      | -      | 1,60                  | 3,00  | 4,00  | 640             | 1.210 | 1.480 | 3.96                          | 3.0  | 5.40 | A     |
|                   | 07          | 05     | -      | -      | -      | 2,00               | 1,50   | -      | -      | -      | 1,66                  | 3,50  | 4,90  | 640             | 1.310 | 1.625 | 4.54                          | 3.5  | 5.60 | A+    |
|                   | 10          | 05     | -      | -      | -      | 2,50               | 1,50   | -      | -      | -      | 1,73                  | 4,00  | 5,20  | 640             | 1.440 | 1.810 | 5.08                          | 4.0  | 5.80 | A+    |
|                   | 13          | 05     | -      | -      | -      | 3,50               | 1,50   | -      | -      | -      | 1,86                  | 5,00  | 6,10  | 640             | 1.620 | 1.980 | 6.20                          | 5.0  | 6.20 | A++   |
|                   | 16          | 05     | -      | -      | -      | 4,60               | 1,50   | -      | -      | -      | 2,00                  | 6,10  | 7,30  | 640             | 1.810 | 2.160 | 7.44                          | 6.1  | 6.50 | A++   |
|                   | 18          | 05     | -      | -      | -      | 5,00               | 1,50   | -      | -      | -      | 2,05                  | 6,50  | 8,00  | 640             | 1.810 | 2.220 | 7.88                          | 6.5  | 6.60 | A++   |
|                   | 22          | 05     | -      | -      | -      | 6,10               | 1,50   | -      | -      | -      | 2,19                  | 7,60  | 8,70  | 640             | 2.040 | 2.400 | 9.07                          | 7.6  | 6.90 | A++   |
|                   | 24          | 05     | -      | -      | -      | 7,00               | 1,50   | -      | -      | -      | 2,31                  | 8,50  | 9,70  | 640             | 2.040 | 2.400 | 10.10                         | 8.5  | 7.10 | A++   |
|                   | 07          | 07     | -      | -      | -      | 2,00               | 2,00   | -      | -      | -      | 1,73                  | 4,00  | 5,80  | 640             | 1.400 | 1.770 | 5.08                          | 4.0  | 5.80 | A+    |
|                   | 10          | 07     | -      | -      | -      | 2,50               | 2,00   | -      | -      | -      | 1,79                  | 4,50  | 6,10  | 640             | 1.530 | 1.910 | 5.66                          | 4.5  | 6.00 | A+    |
|                   | 13          | 07     | -      | -      | -      | 3,50               | 2,00   | -      | -      | -      | 1,92                  | 5,50  | 7,00  | 660             | 1.810 | 2.130 | 6.77                          | 5.5  | 6.30 | A++   |
|                   | 16          | 07     | -      | -      | -      | 4,60               | 2,00   | -      | -      | -      | 2,06                  | 6,60  | 8,20  | 660             | 1.810 | 2.220 | 7.97                          | 6.6  | 6.60 | A++   |
|                   | 18          | 07     | -      | -      | -      | 5,00               | 2,00   | -      | -      | -      | 2,12                  | 7,00  | 8,90  | 670             | 2.040 | 2.400 | 8.41                          | 7.0  | 6.70 | A++   |
|                   | 22          | 07     | -      | -      | -      | 6,10               | 2,00   | -      | -      | -      | 2,26                  | 8,10  | 9,60  | 670             | 2.040 | 2.400 | 9.65                          | 8.1  | 7.00 | A++   |
|                   | 24          | 07     | -      | -      | -      | 7,00               | 2,00   | -      | -      | -      | 2,38                  | 9,00  | 10,60 | 690             | 2.320 | 2.570 | 10.63                         | 9.0  | 7.20 | A++   |
|                   | 10          | 10     | -      | -      | -      | 2,50               | 2,50   | -      | -      | -      | 1,86                  | 5,00  | 6,40  | 640             | 1.530 | 2.040 | 6.20                          | 5.0  | 6.20 | A++   |
|                   | 13          | 10     | -      | -      | -      | 3,50               | 2,50   | -      | -      | -      | 1,99                  | 6,00  | 7,30  | 660             | 1.810 | 2.220 | 7.30                          | 6.0  | 6.40 | A++   |
|                   | 16          | 10     | -      | -      | -      | 4,60               | 2,50   | -      | -      | -      | 2,13                  | 7,10  | 8,50  | 670             | 2.040 | 2.400 | 8.54                          | 7.1  | 6.80 | A++   |
|                   | 18          | 10     | -      | -      | -      | 5,00               | 2,50   | -      | -      | -      | 2,18                  | 7,50  | 9,20  | 670             | 2.040 | 2.400 | 8.99                          | 7.5  | 6.90 | A++   |
|                   | 22          | 10     | -      | -      | -      | 6,10               | 2,50   | -      | -      | -      | 2,32                  | 8,60  | 9,90  | 690             | 2.320 | 2.570 | 10.18                         | 8.6  | 7.10 | A++   |
|                   | 24          | 10     | -      | -      | -      | 7,00               | 2,50   | -      | -      | -      | 2,44                  | 9,50  | 10,90 | 700             | 2.550 | 2.750 | 11.21                         | 9.5  | 7.30 | A++   |
|                   | 13          | 13     | -      | -      | -      | 3,50               | 3,50   | -      | -      | -      | 2,12                  | 7,00  | 8,20  | 670             | 2.040 | 2.400 | 8.41                          | 7.0  | 6.70 | A++   |
|                   | 16          | 13     | -      | -      | -      | 4,60               | 3,50   | -      | -      | -      | 2,26                  | 8,10  | 9,40  | 690             | 2.320 | 2.570 | 9.65                          | 8.1  | 7.00 | A++   |
|                   | 18          | 13     | -      | -      | -      | 5,00               | 3,50   | -      | -      | -      | 2,31                  | 8,50  | 10,10 | 690             | 2.320 | 2.570 | 10.10                         | 8.5  | 7.10 | A++   |
|                   | 22          | 13     | -      | -      | -      | 6,10               | 3,50   | -      | -      | -      | 2,45                  | 9,60  | 10,80 | 700             | 2.550 | 2.750 | 11.30                         | 9.6  | 7.30 | A++   |
|                   | 24          | 13     | -      | -      | -      | 6,67               | 3,33   | -      | -      | -      | 2,50                  | 10,00 | 11,50 | 700             | 2.550 | 2.750 | 11.75                         | 10.0 | 7.40 | A++   |
|                   | 16          | 16     | -      | -      | -      | 4,60               | 4,60   | -      | -      | -      | 2,40                  | 9,20  | 10,60 | 700             | 2.550 | 2.750 | 10.85                         | 9.2  | 7.30 | A++   |
|                   | 18          | 16     | -      | -      | -      | 5,00               | 4,60   | -      | -      | -      | 2,45                  | 9,60  | 11,30 | 700             | 2.550 | 2.750 | 11.30                         | 9.6  | 7.30 | A++   |
|                   | 22          | 16     | -      | -      | -      | 5,70               | 4,30   | -      | -      | -      | 2,50                  | 10,00 | 11,50 | 700             | 2.550 | 2.750 | 11.75                         | 10.0 | 7.40 | A++   |
|                   | 24          | 16     | -      | -      | -      | 6,03               | 3,97   | -      | -      | -      | 2,50                  | 10,00 | 11,50 | 700             | 2.550 | 2.750 | 11.75                         | 10.0 | 7.40 | A++   |
|                   | 18          | 18     | -      | -      | -      | 5,00               | 5,00   | -      | -      | -      | 2,50                  | 10,00 | 11,50 | 700             | 2.550 | 2.750 | 11.75                         | 10.0 | 7.40 | A++   |
|                   | 22          | 18     | -      | -      | -      | 5,50               | 4,50   | -      | -      | -      | 2,50                  | 10,00 | 11,50 | 700             | 2.550 | 2.750 | 11.75                         | 10.0 | 7.40 | A++   |
|                   | 24          | 18     | -      | -      | -      | 5,83               | 4,17   | -      | -      | -      | 2,50                  | 10,00 | 11,50 | 700             | 2.550 | 2.750 | 11.75                         | 10.0 | 7.40 | A++   |
|                   | 22          | 22     | -      | -      | -      | 5,00               | 5,00   | -      | -      | -      | 2,50                  | 10,00 | 11,50 | 700             | 2.570 | 2.770 | 11.75                         | 10.0 | 7.40 | A++   |
|                   | 24          | 22     | -      | -      | -      | 5,34               | 4,66   | -      | -      | -      | 2,50                  | 10,00 | 11,50 | 700             | 2.570 | 2.770 | 11.75                         | 10.0 | 7.40 | A++   |
|                   | 24          | 24     | -      | -      | -      | 5,00               | 5,00   | -      | -      | -      | 2,50                  | 10,00 | 11,50 | 700             | 2.600 | 2.800 | 11.75                         | 10.0 | 7.40 | A++   |
| 3 units operation | 05          | 05     | 05     | -      | -      | 1,50               | 1,50   | 1,50   | -      | -      | 1,79                  | 4,50  | 6,00  | 950             | 1.840 | 1.910 | 5.66                          | 4.5  | 5.90 | A+    |
|                   | 07          | 05     | 05     | -      | -      | 2,00               | 1,50   | 1,50   | -      | -      | 1,86                  | 5,00  | 6,90  | 950             | 1.930 | 2.060 | 6.20                          | 5.0  | 6.00 | A+    |
|                   | 10          | 05     | 05     | -      | -      | 2,50               | 1,50   | 1,50   | -      | -      | 1,92                  | 5,50  | 7,20  | 950             | 2.040 | 2.210 | 6.77                          | 5.5  | 6.20 | A++   |
|                   | 13          | 05     | 05     | -      | -      | 3,50               | 1,50   | 1,50   | -      | -      | 2,05                  | 6,50  | 8,10  | 950             | 2.300 | 2.410 | 7.88                          | 6.5  | 6.50 | A++   |
|                   | 16          | 05     | 05     | -      | -      | 4,60               | 1,50   | 1,50   | -      | -      | 2,19                  | 7,60  | 9,30  | 950             | 2.400 | 2.660 | 9.07                          | 7.6  | 6.80 | A++   |
|                   | 18          | 05     | 05     | -      | -      | 5,00               | 1,50   | 1,50   | -      | -      | 2,25                  | 8,00  | 10,00 | 950             | 2.410 | 2.690 | 9.52                          | 8.0  | 6.90 | A++   |
|                   | 22          | 05     | 05     | -      | -      | 6,10               | 1,50   | 1,50   | -      | -      | 2,39                  | 9,10  | 10,70 | 950             | 2.410 | 2.720 | 10.76                         | 9.1  | 7.10 | A++   |
|                   | 24          | 05     | 05     | -      | -      | 7,00               | 1,50   | 1,50   | -      | -      | 2,50                  | 10,00 | 11,50 | 950             | 2.410 | 2.720 | 11.75                         | 10.0 | 7.30 | A++   |
|                   | 07          | 07     | 05     | -      | -      | 2,00               | 2,00   | 1,50   | -      | -      | 1,92                  | 5,50  | 7,80  | 950             | 2.010 | 2.170 | 6.77                          | 5.5  | 6.20 | A++   |
|                   | 10          | 07     | 05     | -      | -      | 2,50               | 2,00   | 1,50   | -      | -      | 1,99                  | 6,00  | 8,10  | 950             | 2.120 | 2.330 | 7.30                          | 6.0  | 6.30 | A++   |
|                   | 13          | 07     | 05     | -      | -      | 3,50               | 2,00   | 1,50   | -      | -      | 2,12                  | 7,00  | 9,00  | 950             | 2.400 | 2.230 | 8.41                          | 7.0  | 6.60 | A++   |
|                   | 16          | 07     | 05     | -      | -      | 4,60               | 2,00   | 1,50   | -      | -      | 2,26                  | 8,10  | 10,20 | 950             | 2.410 | 2.690 | 9.65                          | 8.1  | 6.90 | A++   |
|                   | 18          | 07     | 05     | -      | -      | 5,00               | 2,00   | 1,50   | -      | -      | 2,31                  | 8,50  | 10,90 | 950             | 2.410 | 2.720 | 10.10                         | 8.5  | 7.00 | A++   |
|                   | 22          | 07     | 05     | -      | -      | 6,10               | 2,00   | 1,50   | -      | -      | 2,45                  | 9,60  | 11,50 | 950             | 2.410 | 2.720 | 11.30                         | 9.6  | 7.20 | A++   |
|                   | 24          | 07     | 05     | -      | -      | 6,67               | 1,90   | 1,43   | -      | -      | 2,50                  | 10,00 | 11,50 | 950             | 2.430 | 2.760 | 11.75                         | 10.0 | 7.30 | A++   |
|                   | 10          | 10     | 05     | -      | -      | 2,50               | 2,50   | 1,50   | -      | -      | 2,05                  | 6,50  | 8,40  | 950             | 2.400 | 2.230 | 7.88                          | 6.5  | 6.50 | A++   |
|                   | 13          | 10     | 05     | -      | -      | 3,50               | 2,50   | 1,50   | -      | -      | 2,18                  | 7,50  | 9,30  | 950             | 2.410 | 2.690 | 8.99                          | 7.5  | 6.80 | A++   |
|                   | 16          | 10     | 05     | -      | -      | 4,60               | 2,50   | 1,50   | -      | -      | 2,32                  | 8,60  | 10,50 | 950             | 2.410 | 2.720 | 10.18                         | 8.6  | 7.00 | A++   |
|                   | 18          | 10     | 05     | -      | -      | 5,00               | 2,50   | 1,50   | -      | -      | 2,38                  | 9,00  | 11,20 | 950             | 2.410 | 2.720 | 10.63                         | 9.0  | 7.10 | A++   |
|                   | 22          | 10     | 05     | -      | -      | 6,00               | 2,50   | 1,50   | -      | -      | 2,50                  | 10,00 | 11,50 | 950             | 2.430 | 2.760 | 11.75                         | 10.0 | 7.30 | A++   |
|                   | 24          | 10     | 05     | -      | -      | 6,36               | 2,27   | 1,36   | -      | -      | 2,50                  | 10,00 | 11,50 | 950             | 2.430 | 2.760 | 11.75                         | 10.0 | 7.30 | A++   |
|                   | 13          | 13     | 05     | -      | -      | 3,50               | 3,50   | 1,50   | -      | -      | 2,31                  | 8,50  | 10,20 | 950             | 2.410 | 2.720 | 10.10                         | 8.5  | 7.00 | A++   |
|                   | 16          | 13     | 05     | -      | -      | 4,60               | 3,50   | 1,50   | -      | -      |                       |       |       |                 |       |       |                               |      |      |       |



# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status | Combination       |        |        |        |        | Unit capacity (kW) |        |        |        |        | Cooling capacity (kW) |       |       | Power input (W) |         |       | Operating current (A) Nom. | PDC   | SEER | Label |     |
|------------------|-------------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|---------|-------|----------------------------|-------|------|-------|-----|
|                  | Unit A            | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.    | Max.  |                            |       |      |       |     |
| COOLING MODE     | 4 units operation | 13     | 07     | 07     | -      | -                  | 3,50   | 2,00   | 2,00   | -      | -                     | 2,18  | 7,50  | 9,90            | 960     | 2.410 | 2.690                      | 8.99  | 7.5  | 6.80  | A++ |
|                  |                   | 16     | 07     | 07     | -      | -                  | 4,60   | 2,00   | 2,00   | -      | -                     | 2,32  | 8,60  | 11,10           | 960     | 2.410 | 2.720                      | 10.18 | 8.6  | 7.00  | A++ |
|                  |                   | 18     | 07     | 07     | -      | -                  | 5,00   | 2,00   | 2,00   | -      | -                     | 2,38  | 9,00  | 11,50           | 960     | 2.410 | 2.720                      | 10.63 | 9.0  | 7.10  | A++ |
|                  |                   | 22     | 07     | 07     | -      | -                  | 6,04   | 1,98   | 1,98   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.760                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 07     | 07     | -      | -                  | 6,36   | 1,82   | 1,82   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.760                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 10     | 10     | 07     | -      | -                  | 2,50   | 2,50   | 2,00   | -      | -                     | 2,12  | 7,00  | 9,30            | 950     | 2.400 | 2.660                      | 8.41  | 7.0  | 6.60  | A++ |
|                  |                   | 13     | 10     | 07     | -      | -                  | 3,50   | 2,50   | 2,00   | -      | -                     | 2,25  | 8,00  | 10,20           | 960     | 2.410 | 2.690                      | 9.52  | 8.0  | 6.90  | A++ |
|                  |                   | 16     | 10     | 07     | -      | -                  | 4,60   | 2,50   | 2,00   | -      | -                     | 2,39  | 9,10  | 11,40           | 960     | 2.410 | 2.720                      | 10.76 | 9.10 | 7.10  | A++ |
|                  |                   | 18     | 10     | 07     | -      | -                  | 5,00   | 2,50   | 2,00   | -      | -                     | 2,44  | 9,50  | 11,50           | 960     | 2.410 | 2.720                      | 11.21 | 9.5  | 7.20  | A++ |
|                  |                   | 22     | 10     | 07     | -      | -                  | 5,75   | 2,36   | 1,89   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.760                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 10     | 07     | -      | -                  | 6,09   | 2,17   | 1,74   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.760                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 13     | 13     | 07     | -      | -                  | 3,50   | 3,50   | 2,00   | -      | -                     | 2,38  | 9,00  | 11,10           | 960     | 2.410 | 2.720                      | 10.63 | 9.0  | 7.10  | A+  |
|                  |                   | 16     | 13     | 07     | -      | -                  | 4,55   | 3,47   | 1,98   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.760                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 18     | 13     | 07     | -      | -                  | 4,76   | 3,33   | 1,90   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.760                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 13     | 07     | -      | -                  | 5,26   | 3,02   | 1,72   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.760                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 13     | 07     | -      | -                  | 5,60   | 2,80   | 1,60   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.780                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 16     | 16     | 07     | -      | -                  | 4,11   | 4,11   | 1,79   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.760                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 18     | 16     | 07     | -      | -                  | 4,31   | 3,97   | 1,72   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.760                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 16     | 07     | -      | -                  | 4,80   | 3,62   | 1,57   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.780                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 16     | 07     | -      | -                  | 5,15   | 3,38   | 1,47   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.780                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 18     | 18     | 07     | -      | -                  | 4,17   | 4,17   | 1,67   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.780                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 18     | 07     | -      | -                  | 4,66   | 3,82   | 1,53   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.780                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 18     | 07     | -      | -                  | 5,00   | 3,57   | 1,43   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.780                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 22     | 07     | -      | -                  | 4,30   | 4,30   | 1,41   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.810                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 22     | 07     | -      | -                  | 4,64   | 4,04   | 1,32   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 24     | 07     | -      | -                  | 4,38   | 4,38   | 1,25   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.470 | 2.860                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 10     | 10     | 10     | -      | -                  | 2,50   | 2,50   | 2,50   | -      | -                     | 2,18  | 7,50  | 9,60            | 950     | 2.400 | 2.720                      | 8.99  | 7.5  | 6.80  | A++ |
|                  |                   | 13     | 10     | 10     | -      | -                  | 3,50   | 2,50   | 2,50   | -      | -                     | 2,31  | 8,50  | 10,50           | 960     | 2.410 | 2.740                      | 10.10 | 8.5  | 7.00  | A++ |
|                  |                   | 16     | 10     | 10     | -      | -                  | 4,60   | 2,50   | 2,50   | -      | -                     | 2,45  | 9,60  | 11,50           | 960     | 2.410 | 2.790                      | 11.30 | 9.6  | 7.30  | A++ |
|                  |                   | 18     | 10     | 10     | -      | -                  | 5,00   | 2,50   | 2,50   | -      | -                     | 2,50  | 10,00 | 11,50           | 960     | 2.410 | 2.790                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 10     | 10     | -      | -                  | 5,50   | 2,25   | 2,25   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 10     | 10     | -      | -                  | 5,83   | 2,08   | 2,08   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 13     | 13     | 10     | -      | -                  | 3,50   | 3,50   | 2,50   | -      | -                     | 2,44  | 9,50  | 11,40           | 960     | 2.410 | 2.790                      | 11.21 | 9.5  | 7.20  | A++ |
|                  |                   | 16     | 13     | 10     | -      | -                  | 4,34   | 3,30   | 2,36   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.810                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 18     | 13     | 10     | -      | -                  | 4,55   | 3,18   | 2,27   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.810                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 13     | 10     | -      | -                  | 5,04   | 2,89   | 2,07   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 13     | 10     | -      | -                  | 5,38   | 2,69   | 1,92   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 16     | 16     | 10     | -      | -                  | 3,93   | 3,93   | 2,14   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 18     | 16     | 10     | -      | -                  | 4,13   | 3,80   | 2,07   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.810                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 16     | 10     | -      | -                  | 4,62   | 3,48   | 1,89   | -      | -                     | 2,50  | 10,00 | 11,50           | 980     | 2.450 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 16     | 10     | -      | -                  | 4,96   | 3,26   | 1,77   | -      | -                     | 2,50  | 10,00 | 11,50           | 980     | 2.450 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 18     | 18     | 10     | -      | -                  | 4,00   | 4,00   | 2,00   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 18     | 10     | -      | -                  | 4,49   | 3,68   | 1,84   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.415 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 18     | 10     | -      | -                  | 4,83   | 3,45   | 1,72   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 22     | 10     | -      | -                  | 4,15   | 4,15   | 1,70   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 22     | 10     | -      | -                  | 4,49   | 3,91   | 1,60   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.465 | 2.855                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 24     | 10     | -      | -                  | 4,24   | 4,24   | 1,52   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.465 | 2.855                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 13     | 13     | 13     | -      | -                  | 3,33   | 3,33   | 3,33   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.430 | 2.810                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 16     | 13     | 13     | -      | -                  | 3,97   | 3,02   | 3,02   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 18     | 13     | 13     | -      | -                  | 4,17   | 2,92   | 2,92   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 13     | 13     | -      | -                  | 4,66   | 2,67   | 2,67   | -      | -                     | 2,50  | 10,00 | 11,50           | 980     | 2.450 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 13     | 13     | -      | -                  | 5,00   | 2,50   | 2,50   | -      | -                     | 2,50  | 10,00 | 11,50           | 980     | 2.450 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 16     | 16     | 13     | -      | -                  | 3,62   | 3,62   | 2,76   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 18     | 16     | 13     | -      | -                  | 3,82   | 3,51   | 2,67   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 16     | 13     | -      | -                  | 4,30   | 3,24   | 2,46   | -      | -                     | 2,50  | 10,00 | 11,50           | 980     | 2.450 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 16     | 13     | -      | -                  | 4,64   | 3,05   | 2,32   | -      | -                     | 2,50  | 10,00 | 11,50           | 980     | 2.450 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 18     | 18     | 13     | -      | -                  | 3,70   | 3,70   | 2,59   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.830                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 22     | 18     | 13     | -      | -                  | 4,18   | 3,42   | 2,40   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 24     | 18     | 13     | -      | -                  | 4,52   | 3,23   | 2,26   | -      | -                     | 2,50  | 10,00 | 11,50           | 970     | 2.440 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 16     | 16     | 16     | -      | -                  | 3,33   | 3,33   | 3,33   | -      | -                     | 2,50  | 10,00 | 11,50           | 980     | 2.450 | 2.900                      | 11.75 | 10.0 | 7.30  | A++ |
|                  |                   | 05     | 05     | 05     | 05     | -                  | 1,50   | 1,50   | 1,50   | 1,50   | -                     | 1,99  | 6,00  | 8,00            | 930     | 1.840 | 2.270                      | 7.30  | 6.0  | 6.20  | A++ |
|                  |                   | 07     | 05     | 05     | 05     | -                  | 2,00   | 1,50   | 1,50   | 1,50   | -                     | 2,05  | 6,50  | 8,90            | 930     | 2.020 | 2.400                      | 7.88  | 6.5  | 6.40  | A++ |
|                  |                   | 10     | 05     | 05     | 05     | -                  | 2,50   | 1,50   | 1,50   | 1,50   | -                     | 2,12  | 7,00  | 9,20            | 930     | 2.250 | 2.580                      | 8.41  | 7.0  | 6.60  | A++ |
|                  |                   | 13     | 05     | 05     | 05     | -                  | 3,50   | 1,50   | 1,50   | 1,50   | -                     | 2,25  | 8,00  | 10,10           | 930     | 2.500 | 2.800                      | 9.52  | 8.0  | 6.80  | A++ |
|                  |                   | 16     | 05     | 05     | 05     | -                  | 4,60   | 1,50   | 1,50   | 1,50   | -                     | 2,39  | 9,10  | 11,30           | 930     | 2.710 | 2.820                      | 10.76 | 9.10 | 7.10  | A++ |
| 18               | 05                | 05     | 05     | -      | 5,00   | 1,50               | 1,50   | 1,50   | -      | 2,44   | 9,50                  | 11,50 | 930   | 2.720           | 2.840</ |       |                            |       |      |       |     |



# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status                      | Combination |        |        |        |        | Unit capacity (kW) |        |        |        |        | Cooling capacity (kW) |       |       | Power input (W) |       |       | Operating current (A) | PDC  | SEER | Label |
|---------------------------------------|-------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|-----------------------|------|------|-------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  | Nom.                  |      |      |       |
| COOLING MODE<br><br>4 units operation | 18          | 13     | 05     | 05     | -      | 4,35               | 3,04   | 1,30   | 1,30   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,880 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 13     | 05     | 05     | -      | 4,84               | 2,78   | 1,19   | 1,19   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 24          | 13     | 05     | 05     | -      | 5,19               | 2,59   | 1,11   | 1,11   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 16          | 16     | 05     | 05     | -      | 3,77               | 3,77   | 1,23   | 1,23   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,880 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 16     | 05     | 05     | -      | 3,97               | 3,65   | 1,19   | 1,19   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 16     | 05     | 05     | -      | 4,45               | 3,36   | 1,09   | 1,09   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 24          | 16     | 05     | 05     | -      | 4,79               | 3,15   | 1,03   | 1,03   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 18          | 18     | 05     | 05     | -      | 3,85               | 3,85   | 1,15   | 1,15   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 18     | 05     | 05     | -      | 4,33               | 3,55   | 1,06   | 1,06   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 24          | 18     | 05     | 05     | -      | 4,67               | 3,33   | 1,00   | 1,00   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 22     | 05     | 05     | -      | 4,01               | 4,01   | 0,99   | 0,99   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 07          | 07     | 07     | 05     | -      | 2,00               | 2,00   | 2,00   | 1,50   | -      | 2,18                  | 7,50  | 10,70 | 930             | 2,370 | 2,670 | 8,99                  | 7,50 | 6,70 | A++   |
|                                       | 10          | 07     | 07     | 05     | -      | 2,50               | 2,00   | 2,00   | 1,50   | -      | 2,25                  | 8,00  | 11,00 | 930             | 2,600 | 2,810 | 9,52                  | 8,0  | 6,80 | A++   |
|                                       | 13          | 07     | 07     | 05     | -      | 3,50               | 2,00   | 2,00   | 1,50   | -      | 2,38                  | 9,00  | 11,50 | 930             | 2,710 | 2,830 | 10,63                 | 9,0  | 7,10 | A++   |
|                                       | 16          | 07     | 07     | 05     | -      | 4,55               | 1,98   | 1,98   | 1,49   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,720 | 2,850 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 07     | 07     | 05     | -      | 4,76               | 1,90   | 1,90   | 1,43   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,720 | 2,850 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 07     | 07     | 05     | -      | 5,26               | 1,72   | 1,72   | 1,29   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,880 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 24          | 07     | 07     | 05     | -      | 5,60               | 1,60   | 1,60   | 1,20   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 10          | 10     | 07     | 05     | -      | 2,50               | 2,50   | 2,00   | 1,50   | -      | 2,31                  | 8,50  | 11,30 | 930             | 2,710 | 2,830 | 10,10                 | 8,50 | 6,90 | A++   |
|                                       | 13          | 10     | 07     | 05     | -      | 3,50               | 2,50   | 2,00   | 1,50   | -      | 2,44                  | 9,50  | 11,50 | 930             | 2,720 | 2,850 | 11,21                 | 9,50 | 7,20 | A++   |
|                                       | 16          | 10     | 07     | 05     | -      | 4,34               | 2,36   | 1,89   | 1,42   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,870 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 10     | 07     | 05     | -      | 4,55               | 2,27   | 1,82   | 1,36   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,880 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 10     | 07     | 05     | -      | 5,04               | 2,07   | 1,65   | 1,24   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 24          | 10     | 07     | 05     | -      | 5,38               | 1,92   | 1,54   | 1,15   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 13          | 13     | 07     | 05     | -      | 3,33               | 3,33   | 1,90   | 1,43   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,870 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 16          | 13     | 07     | 05     | -      | 3,97               | 3,02   | 1,72   | 1,29   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,880 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 13     | 07     | 05     | -      | 4,17               | 2,92   | 1,67   | 1,25   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 13     | 07     | 05     | -      | 4,66               | 2,67   | 1,53   | 1,15   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 24          | 13     | 07     | 05     | -      | 5,00               | 2,50   | 1,43   | 1,07   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 16          | 16     | 07     | 05     | -      | 3,62               | 3,62   | 1,57   | 1,18   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 16     | 07     | 05     | -      | 3,82               | 3,51   | 1,53   | 1,15   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 16     | 07     | 05     | -      | 4,30               | 3,24   | 1,41   | 1,06   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 18          | 18     | 07     | 05     | -      | 3,70               | 3,70   | 1,48   | 1,11   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 18     | 07     | 05     | -      | 4,18               | 3,42   | 1,37   | 1,03   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 10          | 10     | 10     | 05     | -      | 2,50               | 2,50   | 2,50   | 1,50   | -      | 2,38                  | 9,00  | 11,50 | 930             | 2,720 | 2,850 | 10,63                 | 9,0  | 7,10 | A++   |
|                                       | 13          | 10     | 10     | 05     | -      | 3,50               | 2,50   | 2,50   | 1,50   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,870 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 16          | 10     | 10     | 05     | -      | 4,14               | 2,25   | 2,25   | 1,35   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,880 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 10     | 10     | 05     | -      | 4,35               | 2,17   | 2,17   | 1,30   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 10     | 10     | 05     | -      | 4,84               | 1,98   | 1,98   | 1,19   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 24          | 10     | 10     | 05     | -      | 5,19               | 1,85   | 1,85   | 1,11   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 13          | 13     | 10     | 05     | -      | 3,18               | 3,18   | 2,27   | 1,36   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,730 | 2,880 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 16          | 13     | 10     | 05     | -      | 3,80               | 2,89   | 2,07   | 1,24   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 13     | 10     | 05     | -      | 4,00               | 2,80   | 2,00   | 1,20   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 13     | 10     | 05     | -      | 4,49               | 2,57   | 1,84   | 1,10   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 16          | 16     | 10     | 05     | -      | 3,48               | 3,48   | 1,89   | 1,14   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 16     | 10     | 05     | -      | 3,68               | 3,38   | 1,84   | 1,10   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 18          | 18     | 10     | 05     | -      | 3,57               | 3,57   | 1,79   | 1,07   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 13          | 13     | 13     | 05     | -      | 2,92               | 2,92   | 2,92   | 1,25   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 16          | 13     | 13     | 05     | -      | 3,51               | 2,67   | 2,67   | 1,15   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 13     | 13     | 05     | -      | 3,70               | 2,59   | 2,59   | 1,11   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 16          | 16     | 13     | 05     | -      | 3,24               | 3,24   | 2,46   | 1,06   | -      | 2,50                  | 10,00 | 11,50 | 930             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 07          | 07     | 07     | 07     | -      | 2,00               | 2,00   | 2,00   | 2,00   | -      | 2,25                  | 8,00  | 11,50 | 930             | 2,550 | 2,800 | 9,52                  | 8,0  | 6,80 | A++   |
|                                       | 10          | 07     | 07     | 07     | -      | 2,50               | 2,00   | 2,00   | 2,00   | -      | 2,31                  | 8,50  | 11,50 | 930             | 2,710 | 2,820 | 10,10                 | 8,50 | 6,90 | A++   |
|                                       | 13          | 07     | 07     | 07     | -      | 3,50               | 2,00   | 2,00   | 2,00   | -      | 2,44                  | 9,50  | 11,50 | 940             | 2,720 | 2,850 | 11,21                 | 9,50 | 7,20 | A++   |
|                                       | 16          | 07     | 07     | 07     | -      | 4,34               | 1,89   | 1,89   | 1,89   | -      | 2,50                  | 10,00 | 11,50 | 940             | 2,720 | 2,850 | 11,75                 | 10,0 | 7,30 | A++   |
|                                       | 18          | 07     | 07     | 07     | -      | 4,55               | 1,82   | 1,82   | 1,82   | -      | 2,50                  | 10,00 | 11,50 | 940             | 2,730 | 2,880 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 22          | 07     | 07     | 07     | -      | 5,04               | 1,65   | 1,65   | 1,65   | -      | 2,50                  | 10,00 | 11,50 | 940             | 2,730 | 2,880 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 24          | 07     | 07     | 07     | -      | 5,38               | 1,54   | 1,54   | 1,54   | -      | 2,50                  | 10,00 | 11,50 | 950             | 2,740 | 2,900 | 11,75                 | 10,0 | 7,20 | A++   |
|                                       | 10          | 10     | 07     | 07     | -      | 2,50               | 2,50   | 2,00   | 2,00   | -      | 2,38                  | 9,00  | 11,50 | 930             | 2,710 | 2,820 | 10,63                 | 9,0  | 7,10 | A++   |
|                                       | 13          | 10     | 07     | 07     | -      | 3,50               | 2,50   | 2,00   | 2,00   | -      | 2,50                  | 10,00 | 11,50 | 940             | 2,720 | 2,850 | 11,75                 | 10,0 | 7,30 |       |

# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status | Combination       |        |        |        |        | Unit capacity (kW) |        |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |      |       | Operating current (A) Nom. | PDC   | SEER | Label |     |
|------------------|-------------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|------|-------|-----------------|------|-------|----------------------------|-------|------|-------|-----|
|                  | Unit A            | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom. | Max.  | Min.            | Nom. | Max.  |                            |       |      |       |     |
| COOLING MODE     | 4 units operation | 16     | 13     | 10     | 07     | -                  | 3,65   | 2,78   | 1,98   | 1,59   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 13     | 10     | 07     | -                  | 3,85   | 2,69   | 1,92   | 1,54   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 13     | 10     | 07     | -                  | 4,33   | 2,48   | 1,77   | 1,42   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 13     | 10     | 07     | -                  | 4,67   | 2,33   | 1,67   | 1,33   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 16     | 16     | 10     | 07     | -                  | 3,36   | 3,36   | 1,82   | 1,46   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 16     | 10     | 07     | -                  | 3,55   | 3,26   | 1,77   | 1,42   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 16     | 10     | 07     | -                  | 4,01   | 3,03   | 1,64   | 1,32   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 16     | 10     | 07     | -                  | 4,35   | 2,86   | 1,55   | 1,24   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 18     | 18     | 10     | 07     | -                  | 3,45   | 3,45   | 1,72   | 1,38   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 18     | 10     | 07     | -                  | 3,91   | 3,21   | 1,60   | 1,28   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 18     | 10     | 07     | -                  | 4,24   | 3,03   | 1,52   | 1,21   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 13     | 13     | 13     | 07     | -                  | 2,80   | 2,80   | 2,80   | 1,60   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 16     | 13     | 13     | 07     | -                  | 3,38   | 2,57   | 2,57   | 1,47   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 13     | 13     | 07     | -                  | 3,57   | 2,50   | 2,50   | 1,43   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 13     | 13     | 07     | -                  | 4,04   | 2,32   | 2,32   | 1,32   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 13     | 13     | 07     | -                  | 4,38   | 2,19   | 2,19   | 1,25   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 16     | 16     | 13     | 07     | -                  | 3,13   | 3,13   | 2,38   | 1,36   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 16     | 13     | 07     | -                  | 3,31   | 3,05   | 2,32   | 1,32   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 16     | 13     | 07     | -                  | 3,77   | 2,84   | 2,16   | 1,23   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 16     | 13     | 07     | -                  | 4,09   | 2,69   | 2,05   | 1,17   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 18     | 18     | 13     | 07     | -                  | 3,23   | 3,23   | 2,26   | 1,29   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 18     | 13     | 07     | -                  | 3,67   | 3,01   | 2,11   | 1,20   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 18     | 13     | 07     | -                  | 4,00   | 2,86   | 2,00   | 1,14   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 10     | 10     | 10     | 10     | -                  | 2,50   | 2,50   | 2,50   | 2,50   | -                     | 2,50 | 10,00 | 11,50           | 940  | 2.720 | 2.850                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 13     | 10     | 10     | 10     | -                  | 3,18   | 2,27   | 2,27   | 2,27   | -                     | 2,50 | 10,00 | 11,50           | 940  | 2.730 | 2.880                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 16     | 10     | 10     | 10     | -                  | 3,80   | 2,07   | 2,07   | 2,07   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 10     | 10     | 10     | -                  | 4,00   | 2,00   | 2,00   | 2,00   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 10     | 10     | 10     | -                  | 4,49   | 1,84   | 1,84   | 1,84   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 10     | 10     | 10     | -                  | 4,83   | 1,72   | 1,72   | 1,72   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 13     | 13     | 10     | 10     | -                  | 2,92   | 2,92   | 2,08   | 2,08   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 16     | 13     | 10     | 10     | -                  | 3,51   | 2,67   | 1,91   | 1,91   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 13     | 10     | 10     | -                  | 3,70   | 2,59   | 1,85   | 1,85   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 13     | 10     | 10     | -                  | 4,18   | 2,40   | 1,71   | 1,71   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 13     | 10     | 10     | -                  | 4,52   | 2,26   | 1,61   | 1,61   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 16     | 16     | 10     | 10     | -                  | 3,24   | 3,24   | 1,76   | 1,76   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 16     | 10     | 10     | -                  | 3,42   | 3,15   | 1,71   | 1,71   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 16     | 10     | 10     | -                  | 3,89   | 2,93   | 1,59   | 1,59   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 16     | 10     | 10     | -                  | 4,22   | 2,77   | 1,51   | 1,51   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 18     | 18     | 10     | 10     | -                  | 3,33   | 3,33   | 1,67   | 1,67   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 18     | 10     | 10     | -                  | 3,79   | 3,11   | 1,55   | 1,55   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 18     | 10     | 10     | -                  | 4,12   | 2,94   | 1,47   | 1,47   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 13     | 13     | 13     | 10     | -                  | 2,69   | 2,69   | 2,69   | 1,92   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 16     | 13     | 13     | 10     | -                  | 3,26   | 2,48   | 2,48   | 1,77   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 13     | 13     | 10     | -                  | 3,45   | 2,41   | 2,41   | 1,72   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 13     | 13     | 10     | -                  | 3,91   | 2,24   | 2,24   | 1,60   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 13     | 13     | 10     | -                  | 4,24   | 2,12   | 2,12   | 1,52   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 16     | 16     | 13     | 10     | -                  | 3,03   | 3,03   | 2,30   | 1,64   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 16     | 13     | 10     | -                  | 3,21   | 2,95   | 2,24   | 1,60   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 16     | 13     | 10     | -                  | 3,65   | 2,75   | 2,10   | 1,50   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 16     | 13     | 10     | -                  | 3,98   | 2,61   | 1,99   | 1,42   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 18     | 18     | 13     | 10     | -                  | 3,13   | 3,13   | 2,19   | 1,56   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 18     | 13     | 10     | -                  | 3,57   | 2,92   | 2,05   | 1,46   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 18     | 13     | 10     | -                  | 3,89   | 2,78   | 1,94   | 1,39   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 13     | 13     | 13     | 13     | -                  | 2,50   | 2,50   | 2,50   | 2,50   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 16     | 13     | 13     | 13     | -                  | 3,05   | 2,32   | 2,32   | 2,32   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 13     | 13     | 13     | -                  | 3,23   | 2,26   | 2,26   | 2,26   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 13     | 13     | 13     | -                  | 3,67   | 2,11   | 2,11   | 2,11   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 13     | 13     | 13     | -                  | 4,00   | 2,00   | 2,00   | 2,00   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 16     | 16     | 13     | 13     | -                  | 2,84   | 2,84   | 2,16   | 2,16   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,30  | A++ |
|                  |                   | 18     | 16     | 13     | 13     | -                  | 3,01   | 2,77   | 2,11   | 2,11   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 22     | 16     | 13     | 13     | -                  | 3,45   | 2,60   | 1,98   | 1,98   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 24     | 16     | 13     | 13     | -                  | 3,76   | 2,47   | 1,88   | 1,88   | -                     | 2,50 | 10,00 | 11,50           | 950  | 2.740 | 2.900                      | 11,75 | 10,0 | 7,20  | A++ |
|                  |                   | 18     | 18     | 13     | 13     | -                  | 2,94   | 2,94   | 2,06   | 2,06   | -                     | 2,50 | 10,00 | 11,50           | 950  |       |                            |       |      |       |     |

# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status | Combination       |        |        |        |        | Unit capacity (kW) |        |        |        |        | Cooling capacity (kW) |      |       | Power input (W) |      |       | Operating current (A) Nom. | PDC   | SEER | Label |     |
|------------------|-------------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|------|-------|-----------------|------|-------|----------------------------|-------|------|-------|-----|
|                  | Unit A            | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom. | Max.  | Min.            | Nom. | Max.  |                            |       |      |       |     |
| COOLING MODE     | 5 units operation | 16     | 16     | 05     | 05     | 05                 | 3,36   | 3,36   | 1,09   | 1,09   | 1,09                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 16     | 05     | 05     | 05                 | 3,55   | 3,26   | 1,06   | 1,06   | 1,06                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 18     | 05     | 05     | 05                 | 3,45   | 3,45   | 1,03   | 1,03   | 1,03                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 07     | 07     | 07     | 05     | 05                 | 2,00   | 2,00   | 2,00   | 1,50   | 1,50                  | 2,38 | 9,00  | 11,50           | 950  | 2.750 | 3.090                      | 10.63 | 9.0  | 7.00  | A++ |
|                  |                   | 10     | 07     | 07     | 05     | 05                 | 2,50   | 2,00   | 2,00   | 1,50   | 1,50                  | 2,44 | 9,50  | 11,50           | 950  | 2.850 | 3.380                      | 11.21 | 9.5  | 7.10  | A++ |
|                  |                   | 13     | 07     | 07     | 05     | 05                 | 3,33   | 1,90   | 1,90   | 1,43   | 1,43                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 07     | 07     | 05     | 05                 | 3,97   | 1,72   | 1,72   | 1,29   | 1,29                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 07     | 07     | 05     | 05                 | 4,17   | 1,67   | 1,67   | 1,25   | 1,25                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 10     | 10     | 07     | 05     | 05                 | 2,50   | 2,50   | 2,00   | 1,50   | 1,50                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 2.800                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 10     | 07     | 05     | 05                 | 3,18   | 2,27   | 1,82   | 1,36   | 1,36                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 10     | 07     | 05     | 05                 | 3,80   | 2,07   | 1,65   | 1,24   | 1,24                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 10     | 07     | 05     | 05                 | 4,00   | 2,00   | 1,60   | 1,20   | 1,20                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 13     | 07     | 05     | 05                 | 2,92   | 2,92   | 1,67   | 1,25   | 1,25                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 13     | 07     | 05     | 05                 | 3,51   | 2,67   | 1,53   | 1,15   | 1,15                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 13     | 07     | 05     | 05                 | 3,70   | 2,59   | 1,48   | 1,11   | 1,11                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 16     | 07     | 05     | 05                 | 3,24   | 3,24   | 1,41   | 1,06   | 1,06                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 16     | 07     | 05     | 05                 | 3,42   | 3,15   | 1,37   | 1,03   | 1,03                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 10     | 10     | 10     | 05     | 05                 | 2,38   | 2,38   | 2,38   | 1,43   | 1,43                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 10     | 10     | 05     | 05                 | 3,04   | 2,17   | 2,17   | 1,30   | 1,30                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 10     | 10     | 05     | 05                 | 3,65   | 1,98   | 1,98   | 1,19   | 1,19                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 10     | 10     | 05     | 05                 | 3,85   | 1,92   | 1,92   | 1,15   | 1,15                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 13     | 10     | 05     | 05                 | 2,80   | 2,80   | 2,00   | 1,20   | 1,20                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 07     | 07     | 07     | 07     | 05                 | 2,00   | 2,00   | 2,00   | 2,00   | 1,50                  | 2,44 | 9,50  | 11,50           | 950  | 2.800 | 3.300                      | 11.21 | 9.5  | 7.10  | A++ |
|                  |                   | 10     | 07     | 07     | 07     | 05                 | 2,50   | 2,00   | 2,00   | 2,00   | 1,50                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 07     | 07     | 07     | 05                 | 3,18   | 1,82   | 1,82   | 1,82   | 1,36                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 07     | 07     | 07     | 05                 | 3,80   | 1,65   | 1,65   | 1,65   | 1,24                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 07     | 07     | 07     | 05                 | 4,00   | 1,60   | 1,60   | 1,60   | 1,20                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 10     | 10     | 07     | 07     | 05                 | 2,38   | 2,38   | 1,90   | 1,90   | 1,43                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 10     | 07     | 07     | 05                 | 3,04   | 2,17   | 1,74   | 1,74   | 1,30                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 10     | 07     | 07     | 05                 | 3,65   | 1,98   | 1,59   | 1,59   | 1,19                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 10     | 07     | 07     | 05                 | 3,85   | 1,92   | 1,54   | 1,54   | 1,15                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 13     | 07     | 07     | 05                 | 2,80   | 2,80   | 1,60   | 1,60   | 1,20                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 13     | 07     | 07     | 05                 | 3,38   | 2,57   | 1,47   | 1,47   | 1,10                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 10     | 10     | 10     | 07     | 05                 | 2,27   | 2,27   | 2,27   | 1,82   | 1,36                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 10     | 10     | 07     | 05                 | 2,92   | 2,08   | 2,08   | 1,67   | 1,25                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 10     | 10     | 07     | 05                 | 3,51   | 1,91   | 1,91   | 1,53   | 1,15                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 10     | 10     | 10     | 10     | 05                 | 2,17   | 2,17   | 2,17   | 2,17   | 1,30                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 07     | 07     | 07     | 07     | 07                 | 2,00   | 2,00   | 2,00   | 2,00   | 2,00                  | 2,50 | 10,00 | 11,50           | 950  | 2.917 | 3.630                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 10     | 07     | 07     | 07     | 07                 | 2,38   | 1,90   | 1,90   | 1,90   | 1,90                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 07     | 07     | 07     | 07                 | 3,04   | 1,74   | 1,74   | 1,74   | 1,74                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 07     | 07     | 07     | 07                 | 3,65   | 1,59   | 1,59   | 1,59   | 1,59                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 07     | 07     | 07     | 07                 | 3,85   | 1,54   | 1,54   | 1,54   | 1,54                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 10     | 10     | 07     | 07     | 07                 | 2,27   | 2,27   | 1,82   | 1,82   | 1,82                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 10     | 07     | 07     | 07                 | 2,92   | 2,08   | 1,67   | 1,67   | 1,67                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 10     | 07     | 07     | 07                 | 3,51   | 1,91   | 1,53   | 1,53   | 1,53                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 10     | 07     | 07     | 07                 | 3,70   | 1,85   | 1,48   | 1,48   | 1,48                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 13     | 07     | 07     | 07                 | 2,69   | 2,69   | 1,54   | 1,54   | 1,54                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 13     | 07     | 07     | 07                 | 3,26   | 2,48   | 1,42   | 1,42   | 1,42                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 13     | 07     | 07     | 07                 | 3,45   | 2,41   | 1,38   | 1,38   | 1,38                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 16     | 07     | 07     | 07                 | 3,03   | 3,03   | 1,32   | 1,32   | 1,32                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 16     | 07     | 07     | 07                 | 3,21   | 2,95   | 1,28   | 1,28   | 1,28                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 10     | 10     | 10     | 07     | 07                 | 2,17   | 2,17   | 2,17   | 1,74   | 1,74                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 10     | 10     | 07     | 07                 | 2,80   | 2,00   | 2,00   | 1,60   | 1,60                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 10     | 10     | 07     | 07                 | 3,38   | 1,84   | 1,84   | 1,47   | 1,47                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 10     | 10     | 07     | 07                 | 3,57   | 1,79   | 1,79   | 1,43   | 1,43                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 13     | 10     | 07     | 07                 | 2,59   | 2,59   | 1,85   | 1,48   | 1,48                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 13     | 10     | 07     | 07                 | 3,15   | 2,40   | 1,71   | 1,37   | 1,37                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 13     | 10     | 07     | 07                 | 3,33   | 2,33   | 1,67   | 1,33   | 1,33                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 16     | 16     | 10     | 07     | 07                 | 2,93   | 2,93   | 1,59   | 1,27   | 1,27                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 18     | 16     | 10     | 07     | 07                 | 3,11   | 2,86   | 1,55   | 1,24   | 1,24                  | 2,50 | 10,00 | 11,50           | 950  | 2.946 | 3.670                      | 11.75 | 10.0 | 7.20  | A++ |
|                  |                   | 13     | 13     | 13     | 07     | 07                 | 2,41   | 2,41   | 2,41   | 1,38   | 1,38                  | 2,50 | 10,00 | 11,50           | 950  | 2     |                            |       |      |       |     |

# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status                      | Combination |        |        |        |        | Unit capacity (kW) |        |        |        |        | Cooling capacity (kW) |       |       | Power input (W) |       |       | Operating current (A) Nom. | PDC  | SEER | Label |
|---------------------------------------|-------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|----------------------------|------|------|-------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  |                            |      |      |       |
| COOLING MODE<br><br>5 units operation | 16          | 10     | 10     | 10     | 10     | 3,15               | 1,71   | 1,71   | 1,71   | 1,71   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 18          | 10     | 10     | 10     | 10     | 3,33               | 1,67   | 1,67   | 1,67   | 1,67   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 13          | 13     | 10     | 10     | 10     | 2,41               | 2,41   | 1,72   | 1,72   | 1,72   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 16          | 13     | 10     | 10     | 10     | 2,95               | 2,24   | 1,60   | 1,60   | 1,60   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 18          | 13     | 10     | 10     | 10     | 3,13               | 2,19   | 1,56   | 1,56   | 1,56   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 16          | 16     | 10     | 10     | 10     | 2,75               | 2,75   | 1,50   | 1,50   | 1,50   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 13          | 13     | 13     | 10     | 10     | 2,26               | 2,26   | 2,26   | 1,61   | 1,61   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 16          | 13     | 13     | 10     | 10     | 2,77               | 2,11   | 2,11   | 1,51   | 1,51   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 18          | 13     | 13     | 10     | 10     | 2,94               | 2,06   | 2,06   | 1,47   | 1,47   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 16          | 16     | 13     | 10     | 10     | 2,60               | 2,60   | 1,98   | 1,41   | 1,41   | 2,50                  | 10,00 | 11,50 | 950             | 2.980 | 3.700 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 13          | 13     | 13     | 13     | 10     | 2,12               | 2,12   | 2,12   | 2,12   | 1,52   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 16          | 13     | 13     | 13     | 13     | 2,61               | 1,99   | 1,99   | 1,99   | 1,42   | 2,50                  | 10,00 | 11,50 | 950             | 2.980 | 3.700 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 18          | 13     | 13     | 13     | 10     | 2,78               | 1,94   | 1,94   | 1,94   | 1,39   | 2,50                  | 10,00 | 11,50 | 950             | 2.980 | 3.700 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 16          | 16     | 13     | 13     | 10     | 2,46               | 2,46   | 1,87   | 1,87   | 1,34   | 2,50                  | 10,00 | 11,50 | 950             | 2.980 | 3.700 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 13          | 13     | 13     | 13     | 13     | 2,00               | 2,00   | 2,00   | 2,00   | 2,00   | 2,50                  | 10,00 | 11,50 | 950             | 2.980 | 3.700 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 16          | 13     | 13     | 13     | 13     | 2,47               | 1,88   | 1,88   | 1,88   | 1,88   | 2,50                  | 10,00 | 11,50 | 950             | 2.980 | 3.700 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 05     | 05     | 05     | 05     | 5,04               | 1,24   | 1,24   | 1,24   | 1,24   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 05     | 05     | 05     | 05     | 5,38               | 1,15   | 1,15   | 1,15   | 1,15   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 07     | 05     | 05     | 05     | 4,84               | 1,59   | 1,19   | 1,19   | 1,19   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 07     | 05     | 05     | 05     | 5,19               | 1,48   | 1,11   | 1,11   | 1,11   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 10     | 05     | 05     | 05     | 4,66               | 1,91   | 1,15   | 1,15   | 1,15   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 10     | 05     | 05     | 05     | 5,00               | 1,79   | 1,07   | 1,07   | 1,07   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 05     | 05     | 05     | 4,33               | 2,48   | 1,06   | 1,06   | 1,06   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 13     | 05     | 05     | 05     | 4,67               | 2,33   | 1,00   | 1,00   | 1,00   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 07     | 07     | 05     | 05     | 4,66               | 1,53   | 1,53   | 1,15   | 1,15   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 07     | 07     | 05     | 05     | 5,00               | 1,43   | 1,43   | 1,07   | 1,07   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 10     | 07     | 05     | 05     | 4,49               | 1,84   | 1,47   | 1,10   | 1,10   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 10     | 07     | 05     | 05     | 4,83               | 1,72   | 1,38   | 1,03   | 1,03   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 07     | 05     | 05     | 4,18               | 2,40   | 1,37   | 1,03   | 1,03   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 13     | 07     | 05     | 05     | 4,52               | 2,26   | 1,29   | 0,97   | 0,97   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 10     | 10     | 05     | 05     | 4,33               | 1,77   | 1,77   | 1,06   | 1,06   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 10     | 10     | 05     | 05     | 4,67               | 1,67   | 1,67   | 1,00   | 1,00   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 10     | 05     | 05     | 4,04               | 2,32   | 1,66   | 0,99   | 0,99   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 13     | 10     | 05     | 05     | 4,38               | 2,19   | 1,56   | 0,94   | 0,94   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 13     | 05     | 05     | 3,79               | 2,17   | 2,17   | 0,93   | 0,93   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 13     | 13     | 05     | 05     | 4,12               | 2,06   | 2,06   | 0,88   | 0,88   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 07     | 07     | 07     | 05     | 4,49               | 1,47   | 1,47   | 1,47   | 1,10   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 07     | 07     | 07     | 05     | 4,83               | 1,38   | 1,38   | 1,38   | 1,03   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 10     | 07     | 07     | 05     | 4,33               | 1,77   | 1,42   | 1,42   | 1,06   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 10     | 07     | 07     | 05     | 4,67               | 1,67   | 1,33   | 1,33   | 1,00   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 07     | 07     | 05     | 4,04               | 2,32   | 1,32   | 1,32   | 0,99   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 13     | 07     | 07     | 05     | 4,38               | 2,19   | 1,25   | 1,25   | 0,94   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 10     | 10     | 07     | 05     | 4,18               | 1,71   | 1,71   | 1,37   | 1,03   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 10     | 10     | 07     | 05     | 4,52               | 1,61   | 1,61   | 1,29   | 0,97   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 10     | 07     | 05     | 3,91               | 2,24   | 1,60   | 1,28   | 0,96   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 13     | 10     | 07     | 05     | 4,24               | 2,12   | 1,52   | 1,21   | 0,91   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 13     | 07     | 05     | 3,67               | 2,11   | 2,11   | 1,20   | 0,90   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 13     | 13     | 07     | 05     | 4,00               | 2,00   | 2,00   | 1,14   | 0,86   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 10     | 10     | 10     | 05     | 4,04               | 1,66   | 1,66   | 1,66   | 0,99   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 10     | 10     | 10     | 05     | 4,38               | 1,56   | 1,56   | 1,56   | 0,94   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 10     | 10     | 05     | 3,79               | 2,17   | 1,55   | 1,55   | 0,93   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 13     | 10     | 10     | 05     | 4,12               | 2,06   | 1,47   | 1,47   | 0,88   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 13     | 10     | 05     | 3,57               | 2,05   | 2,05   | 1,46   | 0,88   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 13     | 13     | 10     | 05     | 3,89               | 1,94   | 1,94   | 1,39   | 0,83   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 13     | 13     | 13     | 05     | 3,37               | 1,93   | 1,93   | 1,93   | 0,83   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.670 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 07     | 07     | 07     | 07     | 4,33               | 1,42   | 1,42   | 1,42   | 1,42   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.700 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 24          | 07     | 07     | 07     | 07     | 4,67               | 1,33   | 1,33   | 1,33   | 1,33   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.700 | 11.75                      | 10.0 | 7.20 | A++   |
|                                       | 22          | 10     | 07     | 07     | 07     | 4,18               | 1,71   | 1,37   | 1,37   | 1,37   | 2,50                  | 10,00 | 11,50 | 950             | 2.946 | 3.700 | 11.75                      | 10.0 | 7.20 |       |



# RAS MULTI INDOOR UNITS

## RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| HEATING MODE      | Operating status | Combination |        |        |        |        | Unit capacity (kW) |        |        |        |        | Heating capacity (kW) |       |       | Power input (W) |       |       | Operating current (A) Nom. | PDH | SCOP            |              | Label           |              |
|-------------------|------------------|-------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|----------------------------|-----|-----------------|--------------|-----------------|--------------|
|                   |                  | Unit A      | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  |                            |     | Average climate | Warm climate | Average climate | Warm climate |
|                   |                  |             |        |        |        |        |                    |        |        |        |        |                       |       |       |                 |       |       |                            |     |                 |              |                 |              |
| 1 unit operation  | 05               | -           | -      | -      | -      | -      | 2,00               | -      | -      | -      | -      | 1,30                  | 2,00  | 2,50  | 390             | 650   | 800   | -                          | -   | -               | -            | -               | -            |
|                   | 07               | -           | -      | -      | -      | -      | 2,50               | -      | -      | -      | -      | 1,35                  | 2,50  | 3,60  | 390             | 760   | 1,120 | -                          | -   | -               | -            | -               | -            |
|                   | 10               | -           | -      | -      | -      | -      | 3,20               | -      | -      | -      | -      | 1,41                  | 3,20  | 4,80  | 390             | 910   | 1,450 | -                          | -   | -               | -            | -               | -            |
|                   | 13               | -           | -      | -      | -      | -      | 4,20               | -      | -      | -      | -      | 1,50                  | 4,20  | 5,30  | 390             | 1,130 | 1,590 | -                          | -   | -               | -            | -               | -            |
|                   | 16               | -           | -      | -      | -      | -      | 5,50               | -      | -      | -      | -      | 1,62                  | 5,50  | 6,50  | 390             | 1,410 | 1,930 | -                          | -   | -               | -            | -               | -            |
|                   | 18               | -           | -      | -      | -      | -      | 6,00               | -      | -      | -      | -      | 1,66                  | 6,00  | 6,50  | 390             | 1,510 | 1,930 | -                          | -   | -               | -            | -               | -            |
|                   | 22               | -           | -      | -      | -      | -      | 7,00               | -      | -      | -      | -      | 1,75                  | 7,00  | 7,50  | 390             | 1,730 | 2,220 | -                          | -   | -               | -            | -               | -            |
|                   | 24               | -           | -      | -      | -      | -      | 8,00               | -      | -      | -      | -      | 1,84                  | 8,00  | 8,80  | 390             | 1,940 | 2,580 | -                          | -   | -               | -            | -               | -            |
| 2 units operation | 05               | 05          | -      | -      | -      | -      | 2,00               | 2,00   | -      | -      | -      | 1,48                  | 4,00  | 5,00  | 410             | 1,080 | 1,510 | 4.99                       | 2.3 | 3.90            | 4.90         | A               | A++          |
|                   | 07               | 05          | -      | -      | -      | -      | 2,50               | 2,00   | -      | -      | -      | 1,53                  | 4,50  | 6,10  | 410             | 1,190 | 1,820 | 5.48                       | 2.6 | 4.00            | 5.10         | A+              | A+++         |
|                   | 10               | 05          | -      | -      | -      | -      | 3,20               | 2,00   | -      | -      | -      | 1,59                  | 5,20  | 7,30  | 410             | 1,340 | 2,160 | 6.15                       | 2.9 | 4.10            | 5.10         | A+              | A+++         |
|                   | 13               | 05          | -      | -      | -      | -      | 4,20               | 2,00   | -      | -      | -      | 1,68                  | 6,20  | 7,80  | 410             | 1,560 | 2,300 | 7.13                       | 3.5 | 4.10            | 5.20         | A+              | A+++         |
|                   | 16               | 05          | -      | -      | -      | -      | 5,50               | 2,00   | -      | -      | -      | 1,80                  | 7,50  | 9,00  | 410             | 1,840 | 2,640 | 8.37                       | 4.3 | 4.10            | 5.00         | A+              | A++          |
|                   | 18               | 05          | -      | -      | -      | -      | 6,00               | 2,00   | -      | -      | -      | 1,84                  | 8,00  | 9,00  | 430             | 1,940 | 2,640 | 8.81                       | 4.5 | 4.10            | 4.90         | A+              | A++          |
|                   | 22               | 05          | -      | -      | -      | -      | 7,00               | 2,00   | -      | -      | -      | 1,93                  | 9,00  | 10,00 | 430             | 2,160 | 2,920 | 9.78                       | 5.1 | 4.10            | 4.90         | A+              | A++          |
|                   | 24               | 05          | -      | -      | -      | -      | 8,00               | 2,00   | -      | -      | -      | 2,02                  | 10,00 | 11,30 | 430             | 2,370 | 3,290 | 10.72                      | 5.7 | 4.10            | 5.00         | A+              | A++          |
|                   | 07               | 07          | -      | -      | -      | -      | 2,50               | 2,50   | -      | -      | -      | 1,57                  | 5,00  | 7,20  | 410             | 1,300 | 2,130 | 5.97                       | 2.8 | 4.10            | 5.30         | A+              | A+++         |
|                   | 10               | 07          | -      | -      | -      | -      | 3,20               | 2,50   | -      | -      | -      | 1,64                  | 5,70  | 8,40  | 410             | 1,450 | 2,470 | 6.64                       | 3.2 | 4.10            | 5.10         | A+              | A+++         |
|                   | 13               | 07          | -      | -      | -      | -      | 4,20               | 2,50   | -      | -      | -      | 1,73                  | 6,70  | 8,90  | 410             | 1,670 | 2,610 | 7.61                       | 3.8 | 4.10            | 5.20         | A+              | A+++         |
|                   | 16               | 07          | -      | -      | -      | -      | 5,50               | 2,50   | -      | -      | -      | 1,84                  | 8,00  | 10,10 | 410             | 1,940 | 2,950 | 8.81                       | 4.5 | 4.10            | 5.00         | A+              | A++          |
|                   | 18               | 07          | -      | -      | -      | -      | 6,00               | 2,50   | -      | -      | -      | 1,89                  | 8,50  | 10,10 | 430             | 2,050 | 2,950 | 9.30                       | 4.8 | 4.10            | 4.90         | A+              | A++          |
|                   | 22               | 07          | -      | -      | -      | -      | 7,00               | 2,50   | -      | -      | -      | 1,98                  | 9,50  | 11,10 | 430             | 2,270 | 3,230 | 10.27                      | 5.4 | 4.10            | 5.00         | A+              | A++          |
|                   | 24               | 07          | -      | -      | -      | -      | 8,00               | 2,50   | -      | -      | -      | 2,07                  | 10,50 | 12,40 | 430             | 2,480 | 3,600 | 11.21                      | 6.0 | 4.10            | 5.10         | A+              | A+++         |
|                   | 10               | 10          | -      | -      | -      | -      | 3,20               | 3,20   | -      | -      | -      | 1,70                  | 6,40  | 9,60  | 410             | 1,600 | 2,810 | 7.30                       | 3.6 | 4.10            | 5.20         | A+              | A+++         |
|                   | 13               | 10          | -      | -      | -      | -      | 4,20               | 3,20   | -      | -      | -      | 1,79                  | 7,40  | 10,10 | 410             | 1,820 | 2,950 | 8.28                       | 4.2 | 4.10            | 5.00         | A+              | A++          |
|                   | 16               | 10          | -      | -      | -      | -      | 5,50               | 3,20   | -      | -      | -      | 1,91                  | 8,70  | 11,30 | 410             | 2,100 | 3,290 | 9.52                       | 4.9 | 4.10            | 4.90         | A+              | A++          |
|                   | 18               | 10          | -      | -      | -      | -      | 6,00               | 3,20   | -      | -      | -      | 1,95                  | 9,20  | 11,30 | 430             | 2,200 | 3,290 | 9.96                       | 5.2 | 4.10            | 4.90         | A+              | A++          |
|                   | 22               | 10          | -      | -      | -      | -      | 7,00               | 3,20   | -      | -      | -      | 2,04                  | 10,20 | 12,30 | 430             | 2,420 | 3,570 | 10.94                      | 5.8 | 4.10            | 5.00         | A+              | A++          |
|                   | 24               | 10          | -      | -      | -      | -      | 8,00               | 3,20   | -      | -      | -      | 2,13                  | 11,20 | 13,60 | 430             | 2,630 | 3,940 | 11.89                      | 6.3 | 4.20            | 5.20         | A+              | A+++         |
|                   | 13               | 13          | -      | -      | -      | -      | 4,20               | 4,20   | -      | -      | -      | 1,88                  | 8,40  | 10,60 | 410             | 2,030 | 3,090 | 9.21                       | 4.8 | 4.10            | 4.90         | A+              | A++          |
|                   | 16               | 13          | -      | -      | -      | -      | 5,50               | 4,20   | -      | -      | -      | 2,00                  | 9,70  | 11,80 | 410             | 2,310 | 3,430 | 10.45                      | 5.5 | 4.10            | 4.90         | A+              | A++          |
|                   | 18               | 13          | -      | -      | -      | -      | 6,00               | 4,20   | -      | -      | -      | 2,04                  | 10,20 | 11,80 | 430             | 2,420 | 3,430 | 10.94                      | 5.8 | 4.10            | 5.00         | A+              | A++          |
|                   | 22               | 13          | -      | -      | -      | -      | 7,00               | 4,20   | -      | -      | -      | 2,13                  | 11,20 | 12,80 | 430             | 2,630 | 3,710 | 11.89                      | 6.3 | 4.20            | 5.20         | A+              | A+++         |
|                   | 24               | 13          | -      | -      | -      | -      | 7,87               | 4,13   | -      | -      | -      | 2,20                  | 12,00 | 14,10 | 430             | 2,800 | 4,080 | 12.66                      | 6.8 | 4.30            | 5.40         | A+              | A+++         |
|                   | 16               | 16          | -      | -      | -      | -      | 5,50               | 5,50   | -      | -      | -      | 2,11                  | 11,00 | 13,00 | 410             | 2,590 | 3,770 | 11.71                      | 6.2 | 4.20            | 5.20         | A+              | A+++         |
|                   | 18               | 16          | -      | -      | -      | -      | 6,00               | 5,50   | -      | -      | -      | 2,16                  | 11,50 | 13,00 | 430             | 2,700 | 3,770 | 12.20                      | 6.5 | 4.20            | 5.30         | A+              | A+++         |
|                   | 22               | 16          | -      | -      | -      | -      | 6,72               | 5,28   | -      | -      | -      | 2,20                  | 12,00 | 14,00 | 430             | 2,800 | 4,050 | 12.66                      | 6.8 | 4.30            | 5.40         | A+              | A+++         |
|                   | 24               | 16          | -      | -      | -      | -      | 7,11               | 4,89   | -      | -      | -      | 2,20                  | 12,00 | 14,20 | 430             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.40         | A+              | A+++         |
|                   | 18               | 18          | -      | -      | -      | -      | 6,00               | 6,00   | -      | -      | -      | 2,20                  | 12,00 | 13,00 | 430             | 2,800 | 3,770 | 12.66                      | 6.8 | 4.30            | 5.40         | A+              | A+++         |
|                   | 22               | 18          | -      | -      | -      | -      | 6,46               | 5,54   | -      | -      | -      | 2,20                  | 12,00 | 14,00 | 440             | 2,800 | 4,050 | 12.66                      | 6.8 | 4.30            | 5.40         | A+              | A+++         |
|                   | 24               | 18          | -      | -      | -      | -      | 6,86               | 5,14   | -      | -      | -      | 2,20                  | 12,00 | 14,20 | 440             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.40         | A+              | A+++         |
|                   | 22               | 22          | -      | -      | -      | -      | 6,00               | 6,00   | -      | -      | -      | 2,20                  | 12,00 | 14,20 | 440             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.40         | A+              | A+++         |
|                   | 24               | 22          | -      | -      | -      | -      | 6,40               | 5,60   | -      | -      | -      | 2,20                  | 12,00 | 14,20 | 440             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.40         | A+              | A+++         |
|                   | 24               | 24          | -      | -      | -      | -      | 6,00               | 6,00   | -      | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.40         | A+              | A+++         |
| 3 units operation | 05               | 05          | 05     | -      | -      | -      | 2,00               | 2,00   | 2,00   | -      | -      | 1,66                  | 6,00  | 7,50  | 430             | 1,510 | 2,220 | 6.91                       | 3.4 | 4.20            | 5.30         | A+              | A+++         |
|                   | 07               | 05          | 05     | -      | -      | -      | 2,50               | 2,00   | 2,00   | -      | -      | 1,71                  | 6,50  | 8,60  | 430             | 1,620 | 2,530 | 7.39                       | 3.7 | 4.20            | 5.30         | A+              | A+++         |
|                   | 10               | 05          | 05     | -      | -      | -      | 3,20               | 2,00   | 2,00   | -      | -      | 1,77                  | 7,20  | 9,80  | 430             | 1,770 | 2,860 | 8.06                       | 4.1 | 4.20            | 5.30         | A+              | A+++         |
|                   | 13               | 05          | 05     | -      | -      | -      | 4,20               | 2,00   | 2,00   | -      | -      | 1,86                  | 8,20  | 10,30 | 440             | 1,990 | 3,000 | 9.03                       | 4.6 | 4.20            | 5.10         | A+              | A+++         |
|                   | 16               | 05          | 05     | -      | -      | -      | 5,50               | 2,00   | 2,00   | -      | -      | 1,98                  | 9,50  | 11,50 | 440             | 2,270 | 3,340 | 10.27                      | 5.4 | 4.20            | 5.10         | A+              | A+++         |
|                   | 18               | 05          | 05     | -      | -      | -      | 6,00               | 2,00   | 2,00   | -      | -      | 2,02                  | 10,00 | 11,50 | 440             | 2,370 | 3,340 | 10.72                      | 5.7 | 4.20            | 5.10         | A+              | A+++         |
|                   | 22               | 05          | 05     | -      | -      | -      | 7,00               | 2,00   | 2,00   | -      | -      | 2,11                  | 11,00 | 12,50 | 460             | 2,590 | 3,630 | 11.71                      | 6.2 | 4.20            | 5.10         | A+              | A+++         |
|                   | 24               | 05          | 05     | -      | -      | -      | 8,00               | 2,00   | 2,00   | -      | -      | 2,20                  | 12,00 | 13,80 | 460             | 2,800 | 3,990 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                   | 07               | 07          | 05     | -      | -      | -      | 2,50               | 2,50   | 2,00   | -      | -      | 1,75                  | 7,00  | 9,70  | 430             | 1,730 | 2,840 | 7.88                       | 4.0 | 4.20            | 5.30         | A+              | A+++         |
|                   | 10               | 07          | 05     | -      | -      | -      | 3,20               | 2,50   | 2,00   | -      | -      | 1,82                  | 7,70  | 10,90 | 430             | 1,880 | 3,170 | 8.54                       | 4.4 | 4.20            | 5.10         | A+              | A+++         |
|                   | 13               | 07          | 05     | -      | -      | -      | 4,20               | 2,50   | 2,00   | -      | -      | 1,91                  | 8,70  | 11,40 | 440             | 2,100 | 3,320 | 9.52                       | 4.9 | 4.20            | 5.10         | A+              | A+++         |
|                   | 16               | 07          | 05     | -      | -      | -      | 5,50               | 2,50   | 2,00   | -      | -      | 2,02                  | 10,00 | 12,60 | 440             | 2,370 | 3,650 | 10.72                      | 5.7 | 4.20            | 5.10         | A+              | A+++         |
|                   | 18               | 07          | 05     | -      | -      | -      | 6,00               | 2,50   | 2,00   | -      | -      | 2,07                  | 10,50 | 12,60 | 460             | 2,480 | 3,650 | 11.21                      | 6.0 | 4.20            | 5.10         | A+              | A+++         |
|                   | 22               | 07          | 05     | -      | -      | -      | 7,00               | 2,50   | 2,00   | -      | -      | 2,16                  | 11,50 | 13,60 | 460             | 2,700 | 3,940 | 12.20                      | 6.5 | 4.20            | 5.20         | A+              | A+++         |
|                   | 24               | 07          | 05     | -      | -      | -      | 7,68               | 2,40   | 1,92   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2,800 | 4,100 | 12.                        |     |                 |              |                 |              |



# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status | Combination |        |        |        |        | Unit capacity (kW) |        |        |        |        | Heating capacity (kW) |       |       | Power input (W) |       |       | Operating current (A) Nom. | PDH | SCOP            |              | Label           |              |
|------------------|-------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|----------------------------|-----|-----------------|--------------|-----------------|--------------|
|                  | Unit A      | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  |                            |     | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE     | 24          | 16     | 05     | -      | -      | 6,19               | 4,26   | 1,55   | -      | -      | 2,20                  | 12,00 | 14,20 | 480             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 18          | 18     | 05     | -      | -      | 5,14               | 5,14   | 1,71   | -      | -      | 2,20                  | 12,00 | 14,20 | 480             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 18     | 05     | -      | -      | 5,60               | 4,80   | 1,60   | -      | -      | 2,20                  | 12,00 | 14,20 | 480             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 18     | 05     | -      | -      | 6,00               | 4,50   | 1,50   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 22     | 05     | -      | -      | 5,25               | 5,25   | 1,50   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 22     | 05     | -      | -      | 5,65               | 4,94   | 1,41   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 24     | 05     | -      | -      | 5,33               | 5,33   | 1,33   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 07          | 07     | 07     | -      | -      | 2,50               | 2,50   | 2,50   | -      | -      | 1,80                  | 7,50  | 10,80 | 440             | 1.840 | 3.150 | 8.37                       | 4.3 | 4.20            | 5.30         | A+              | A+++         |
|                  | 10          | 07     | 07     | -      | -      | 3,20               | 2,50   | 2,50   | -      | -      | 1,86                  | 8,20  | 12,00 | 440             | 1.990 | 3.480 | 9.03                       | 4.6 | 4.20            | 5.10         | A+              | A+++         |
|                  | 13          | 07     | 07     | -      | -      | 4,20               | 2,50   | 2,50   | -      | -      | 1,95                  | 9,20  | 12,50 | 440             | 2.200 | 3.630 | 9.96                       | 5.2 | 4.20            | 5.10         | A+              | A+++         |
|                  | 16          | 07     | 07     | -      | -      | 5,50               | 2,50   | 2,50   | -      | -      | 2,07                  | 10,50 | 13,70 | 440             | 2.480 | 3.960 | 11.21                      | 6.0 | 4.20            | 5.10         | A+              | A+++         |
|                  | 18          | 07     | 07     | -      | -      | 6,00               | 2,50   | 2,50   | -      | -      | 2,11                  | 11,00 | 13,70 | 460             | 2.590 | 3.960 | 11.71                      | 6.2 | 4.20            | 5.10         | A+              | A+++         |
|                  | 22          | 07     | 07     | -      | -      | 7,00               | 2,50   | 2,50   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 07     | 07     | -      | -      | 7,38               | 2,31   | 2,31   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 10          | 10     | 07     | -      | -      | 3,20               | 3,20   | 2,50   | -      | -      | 1,93                  | 8,90  | 13,20 | 440             | 2.140 | 3.820 | 9.70                       | 5.0 | 4.20            | 5.10         | A+              | A+++         |
|                  | 13          | 10     | 07     | -      | -      | 4,20               | 3,20   | 2,50   | -      | -      | 2,02                  | 9,90  | 13,70 | 440             | 2.350 | 3.960 | 10.63                      | 5.6 | 4.20            | 5.10         | A+              | A+++         |
|                  | 16          | 10     | 07     | -      | -      | 5,50               | 3,20   | 2,50   | -      | -      | 2,13                  | 11,20 | 14,20 | 440             | 2.630 | 4.100 | 11.89                      | 6.3 | 4.20            | 5.20         | A+              | A+++         |
|                  | 18          | 10     | 07     | -      | -      | 6,00               | 3,20   | 2,50   | -      | -      | 2,18                  | 11,70 | 14,20 | 460             | 2.740 | 4.100 | 12.38                      | 6.6 | 4.20            | 5.30         | A+              | A+++         |
|                  | 22          | 10     | 07     | -      | -      | 6,61               | 3,02   | 2,36   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 10     | 07     | -      | -      | 7,01               | 2,80   | 2,19   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 13          | 13     | 07     | -      | -      | 4,20               | 4,20   | 2,50   | -      | -      | 2,11                  | 10,90 | 14,20 | 440             | 2.570 | 4.100 | 11.62                      | 6.2 | 4.20            | 5.10         | A+              | A+++         |
|                  | 16          | 13     | 07     | -      | -      | 5,41               | 4,13   | 2,46   | -      | -      | 2,20                  | 12,00 | 14,20 | 440             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 18          | 13     | 07     | -      | -      | 5,67               | 3,97   | 2,36   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 13     | 07     | -      | -      | 6,13               | 3,68   | 2,19   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 13     | 07     | -      | -      | 6,53               | 3,43   | 2,04   | -      | -      | 2,20                  | 12,00 | 14,20 | 480             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 16          | 16     | 07     | -      | -      | 4,89               | 4,89   | 2,22   | -      | -      | 2,20                  | 12,00 | 14,20 | 440             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 18          | 16     | 07     | -      | -      | 5,14               | 4,71   | 2,14   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 16     | 07     | -      | -      | 5,60               | 4,40   | 2,00   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 16     | 07     | -      | -      | 6,00               | 4,13   | 1,88   | -      | -      | 2,20                  | 12,00 | 14,20 | 480             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 18          | 18     | 07     | -      | -      | 4,97               | 4,97   | 2,07   | -      | -      | 2,20                  | 12,00 | 14,20 | 480             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 18     | 07     | -      | -      | 5,42               | 4,65   | 1,94   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 18     | 07     | -      | -      | 5,82               | 4,36   | 1,82   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 22     | 07     | -      | -      | 5,09               | 5,09   | 1,82   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 22     | 07     | -      | -      | 5,49               | 4,80   | 1,71   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 24     | 07     | -      | -      | 5,19               | 5,19   | 1,62   | -      | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 10          | 10     | 10     | -      | -      | 3,20               | 3,20   | 3,20   | -      | -      | 1,99                  | 9,60  | 14,20 | 440             | 2.290 | 4.100 | 10.36                      | 5.4 | 4.20            | 5.10         | A+              | A+++         |
|                  | 13          | 10     | 10     | -      | -      | 4,20               | 3,20   | 3,20   | -      | -      | 2,08                  | 10,60 | 14,20 | 440             | 2.500 | 4.100 | 11.30                      | 6.0 | 4.20            | 5.10         | A+              | A+++         |
|                  | 16          | 10     | 10     | -      | -      | 5,50               | 3,20   | 3,20   | -      | -      | 2,20                  | 11,90 | 14,20 | 440             | 2.780 | 4.100 | 12.57                      | 6.7 | 4.20            | 5.10         | A+              | A+++         |
|                  | 18          | 10     | 10     | -      | -      | 5,81               | 3,10   | 3,10   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 10     | 10     | -      | -      | 6,27               | 2,87   | 2,87   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 10     | 10     | -      | -      | 6,67               | 2,67   | 2,67   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 13          | 13     | 10     | -      | -      | 4,20               | 4,20   | 3,20   | -      | -      | 2,17                  | 11,60 | 14,20 | 440             | 2.720 | 4.100 | 12.29                      | 6.6 | 4.20            | 5.30         | A+              | A+++         |
|                  | 16          | 13     | 10     | -      | -      | 5,12               | 3,91   | 2,98   | -      | -      | 2,20                  | 12,00 | 14,20 | 440             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 18          | 13     | 10     | -      | -      | 5,37               | 3,76   | 2,87   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 13     | 10     | -      | -      | 5,83               | 3,50   | 2,67   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 13     | 10     | -      | -      | 6,23               | 3,27   | 2,49   | -      | -      | 2,20                  | 12,00 | 14,20 | 480             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 16          | 16     | 10     | -      | -      | 4,65               | 4,65   | 2,70   | -      | -      | 2,20                  | 12,00 | 14,20 | 440             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 18          | 16     | 10     | -      | -      | 4,90               | 4,49   | 2,61   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 16     | 10     | -      | -      | 5,35               | 4,20   | 2,45   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 16     | 10     | -      | -      | 5,75               | 3,95   | 2,30   | -      | -      | 2,20                  | 12,00 | 14,20 | 480             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 18          | 18     | 10     | -      | -      | 4,74               | 4,74   | 2,53   | -      | -      | 2,20                  | 12,00 | 14,20 | 480             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 18     | 10     | -      | -      | 5,19               | 4,44   | 2,37   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 18     | 10     | -      | -      | 5,58               | 4,19   | 2,23   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 22          | 22     | 10     | -      | -      | 4,88               | 4,88   | 2,23   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 22     | 10     | -      | -      | 5,27               | 4,62   | 2,11   | -      | -      | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 24          | 24     | 10     | -      | -      | 5,00               | 5,00   | 2,00   | -      | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 13          | 13     | 13     | -      | -      | 4,00               | 4,00   | 4,00   | -      | -      | 2,20                  | 12,00 | 14,20 | 440             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 16          | 13     | 13     | -      | -      | 4,75               | 3,63   | 3,63   | -      | -      | 2,20                  | 12,00 | 14,20 | 440             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                  | 18          | 13     | 13     | -      | -      | 5,00               | 3,50   | 3,50   | -      | -      | 2,20                  | 12,00 | 14,20 | 460             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
| 22               | 13          | 13     | -      | -      | 5,45   | 3,27               |        |        |        |        |                       |       |       |                 |       |       |                            |     |                 |              |                 |              |

# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status                      | Combination |        |        |        |        | Unit capacity (kW) |        |        |        |        | Heating capacity (kW) |       |       | Power input (W) |       |       | Operating current (A) Nom. | PDH | SCOP            |              | Label           |              |
|---------------------------------------|-------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|----------------------------|-----|-----------------|--------------|-----------------|--------------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  |                            |     | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE<br><br>4 units operation | 16          | 05     | 05     | 05     | -      | 5,50               | 2,00   | 2,00   | 2,00   | -      | 2,16                  | 11,50 | 14,00 | 510             | 2,700 | 4,050 | 12.20                      | 6.5 | 4.20            | 5.20         | A+              | A+++         |
|                                       | 18          | 05     | 05     | 05     | -      | 6,00               | 2,00   | 2,00   | 2,00   | -      | 2,20                  | 12,00 | 14,00 | 530             | 2,800 | 4,050 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 05     | 05     | 05     | -      | 6,46               | 1,85   | 1,85   | 1,85   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 05     | 05     | 05     | -      | 6,86               | 1,71   | 1,71   | 1,71   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 07          | 07     | 05     | 05     | -      | 2,50               | 2,50   | 2,00   | 2,00   | -      | 1,93                  | 9,00  | 12,20 | 490             | 2,160 | 3,540 | 9.78                       | 5.1 | 4.20            | 5.10         | A+              | A+++         |
|                                       | 10          | 07     | 05     | 05     | -      | 3,20               | 2,50   | 2,00   | 2,00   | -      | 2,00                  | 9,70  | 13,40 | 490             | 2,310 | 3,880 | 10.45                      | 5.5 | 4.20            | 5.10         | A+              | A+++         |
|                                       | 13          | 07     | 05     | 05     | -      | 4,20               | 2,50   | 2,00   | 2,00   | -      | 2,09                  | 10,70 | 13,90 | 510             | 2,530 | 4,020 | 11.44                      | 6.1 | 4.20            | 5.10         | A+              | A+++         |
|                                       | 16          | 07     | 05     | 05     | -      | 5,50               | 2,50   | 2,00   | 2,00   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 07     | 05     | 05     | -      | 5,76               | 2,40   | 1,92   | 1,92   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 07     | 05     | 05     | -      | 6,22               | 2,22   | 1,78   | 1,78   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 07     | 05     | 05     | -      | 6,62               | 2,07   | 1,66   | 1,66   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 05     | 05     | -      | 3,20               | 3,20   | 2,00   | 2,00   | -      | 2,06                  | 10,40 | 14,20 | 490             | 2,460 | 4,100 | 11.12                      | 5.9 | 4.20            | 5.10         | A+              | A+++         |
|                                       | 13          | 10     | 05     | 05     | -      | 4,20               | 3,20   | 2,00   | 2,00   | -      | 2,15                  | 11,40 | 14,20 | 510             | 2,680 | 4,100 | 12.11                      | 6.5 | 4.20            | 5.20         | A+              | A+++         |
|                                       | 16          | 10     | 05     | 05     | -      | 5,20               | 3,02   | 1,89   | 1,89   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 05     | 05     | -      | 5,45               | 2,91   | 1,82   | 1,82   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 05     | 05     | -      | 5,92               | 2,70   | 1,69   | 1,69   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 05     | 05     | -      | 6,32               | 2,53   | 1,58   | 1,58   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 05     | 05     | -      | 4,06               | 4,06   | 1,94   | 1,94   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 05     | 05     | -      | 4,82               | 3,68   | 1,75   | 1,75   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 05     | 05     | -      | 5,07               | 3,55   | 1,69   | 1,69   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 05     | 05     | -      | 5,53               | 3,32   | 1,58   | 1,58   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 05     | 05     | -      | 5,93               | 3,11   | 1,48   | 1,48   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 05     | 05     | -      | 4,40               | 4,40   | 1,60   | 1,60   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 16     | 05     | 05     | -      | 4,65               | 4,26   | 1,55   | 1,55   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 16     | 05     | 05     | -      | 5,09               | 4,00   | 1,45   | 1,45   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 16     | 05     | 05     | -      | 5,49               | 3,77   | 1,37   | 1,37   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 18     | 05     | 05     | -      | 4,50               | 4,50   | 1,50   | 1,50   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 18     | 05     | 05     | -      | 4,94               | 4,24   | 1,41   | 1,41   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 18     | 05     | 05     | -      | 5,33               | 4,00   | 1,33   | 1,33   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 22     | 05     | 05     | -      | 4,67               | 4,67   | 1,33   | 1,33   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 07          | 07     | 07     | 05     | -      | 2,50               | 2,50   | 2,50   | 2,00   | -      | 1,98                  | 9,50  | 13,30 | 510             | 2,270 | 3,850 | 10.27                      | 5.4 | 4.20            | 5.10         | A+              | A+++         |
|                                       | 10          | 07     | 07     | 05     | -      | 3,20               | 2,50   | 2,50   | 2,00   | -      | 2,04                  | 10,20 | 14,20 | 510             | 2,420 | 4,100 | 10.94                      | 5.8 | 4.20            | 5.10         | A+              | A+++         |
|                                       | 13          | 07     | 07     | 05     | -      | 4,20               | 2,50   | 2,50   | 2,00   | -      | 2,13                  | 11,20 | 14,20 | 510             | 2,630 | 4,100 | 11.89                      | 6.3 | 4.20            | 5.10         | A+              | A+++         |
|                                       | 16          | 07     | 07     | 05     | -      | 5,28               | 2,40   | 2,40   | 1,92   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 07     | 07     | 05     | -      | 5,54               | 2,31   | 2,31   | 1,85   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 07     | 07     | 05     | -      | 6,00               | 2,14   | 2,14   | 1,71   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 07     | 07     | 05     | -      | 6,40               | 2,00   | 2,00   | 1,60   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 07     | 05     | -      | 3,20               | 3,20   | 2,50   | 2,00   | -      | 2,11                  | 10,90 | 14,20 | 510             | 2,570 | 4,100 | 11.62                      | 6.2 | 4.20            | 5.10         | A+              | A+++         |
|                                       | 13          | 10     | 07     | 05     | -      | 4,20               | 3,20   | 2,50   | 2,00   | -      | 2,20                  | 11,90 | 14,20 | 510             | 2,780 | 4,100 | 12.57                      | 6.7 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 07     | 05     | -      | 5,00               | 2,91   | 2,27   | 1,82   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 07     | 05     | -      | 5,26               | 2,80   | 2,19   | 1,75   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 07     | 05     | -      | 5,71               | 2,61   | 2,04   | 1,63   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 07     | 05     | -      | 6,11               | 2,45   | 1,91   | 1,53   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 07     | 05     | -      | 3,91               | 3,91   | 2,33   | 1,86   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 07     | 05     | -      | 4,65               | 3,55   | 2,11   | 1,69   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 07     | 05     | -      | 4,90               | 3,43   | 2,04   | 1,63   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 07     | 05     | -      | 5,35               | 3,21   | 1,91   | 1,53   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 07     | 05     | -      | 5,75               | 3,02   | 1,80   | 1,44   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 07     | 05     | -      | 4,26               | 4,26   | 1,94   | 1,55   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 16     | 07     | 05     | -      | 4,50               | 4,13   | 1,88   | 1,50   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 16     | 07     | 05     | -      | 4,94               | 3,88   | 1,76   | 1,41   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 18     | 07     | 05     | -      | 4,36               | 4,36   | 1,82   | 1,45   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 18     | 07     | 05     | -      | 4,80               | 4,11   | 1,71   | 1,37   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 05     | -      | 3,20               | 3,20   | 3,20   | 2,00   | -      | 2,17                  | 11,60 | 14,20 | 510             | 2,720 | 4,100 | 12.29                      | 6.6 | 4.20            | 5.20         | A+              | A+++         |
|                                       | 13          | 10     | 10     | 05     | -      | 4,00               | 3,05   | 3,05   | 1,90   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 05     | -      | 4,75               | 2,76   | 2,76   | 1,73   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 10     | 05     | -      | 5,00               | 2,67   | 2,67   | 1,67   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
| 22                                    | 10          | 10     | 05     | -      |        |                    |        |        |        |        |                       |       |       |                 |       |       |                            |     |                 |              |                 |              |

# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status                      | Combination |        |        |        |        | Unit capacity (kW) |        |        |        |        | Heating capacity (kW) |       |       | Power input (W) |       |       | Operating current (A) Nom. | PDH | SCOP            |              | Label           |              |
|---------------------------------------|-------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|----------------------------|-----|-----------------|--------------|-----------------|--------------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  |                            |     | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE<br><br>4 units operation | 16          | 07     | 07     | 07     | -      | 5,08               | 2,31   | 2,31   | 2,31   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 07     | 07     | 07     | -      | 5,33               | 2,22   | 2,22   | 2,22   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 07     | 07     | 07     | -      | 5,79               | 2,07   | 2,07   | 2,07   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 07     | 07     | 07     | -      | 6,19               | 1,94   | 1,94   | 1,94   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 07     | 07     | -      | 3,20               | 3,20   | 2,50   | 2,50   | -      | 2,15                  | 11,40 | 14,20 | 510             | 2.680 | 4.100 | 12.11                      | 6.5 | 4.20            | 5.20         | A+              | A+++         |
|                                       | 13          | 10     | 07     | 07     | -      | 4,06               | 3,10   | 2,42   | 2,42   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 07     | 07     | -      | 4,82               | 2,80   | 2,19   | 2,19   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 07     | 07     | -      | 5,07               | 2,70   | 2,11   | 2,11   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 07     | 07     | -      | 5,53               | 2,53   | 1,97   | 1,97   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 07     | 07     | -      | 5,93               | 2,37   | 1,85   | 1,85   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 07     | 07     | -      | 3,76               | 3,76   | 2,24   | 2,24   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 07     | 07     | -      | 4,49               | 3,43   | 2,04   | 2,04   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 07     | 07     | -      | 4,74               | 3,32   | 1,97   | 1,97   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 07     | 07     | -      | 5,19               | 3,11   | 1,85   | 1,85   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 07     | 07     | -      | 5,58               | 2,93   | 1,74   | 1,74   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 07     | 07     | -      | 4,13               | 4,13   | 1,88   | 1,88   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 16     | 07     | 07     | -      | 4,36               | 4,00   | 1,82   | 1,82   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 16     | 07     | 07     | -      | 4,80               | 3,77   | 1,71   | 1,71   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 16     | 07     | 07     | -      | 5,19               | 3,57   | 1,62   | 1,62   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 18     | 07     | 07     | -      | 4,24               | 4,24   | 1,76   | 1,76   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 18     | 07     | 07     | -      | 4,67               | 4,00   | 1,67   | 1,67   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 18     | 07     | 07     | -      | 5,05               | 3,79   | 1,58   | 1,58   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 07     | -      | 3,17               | 3,17   | 3,17   | 2,48   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 10     | 10     | 07     | -      | 3,85               | 2,93   | 2,93   | 2,29   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 07     | -      | 4,58               | 2,67   | 2,67   | 2,08   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 10     | 07     | -      | 4,83               | 2,58   | 2,58   | 2,01   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 07     | -      | 5,28               | 2,42   | 2,42   | 1,89   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 07     | -      | 5,68               | 2,27   | 2,27   | 1,78   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 10     | 07     | -      | 3,57               | 3,57   | 2,72   | 2,13   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 10     | 07     | -      | 4,29               | 3,27   | 2,49   | 1,95   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 10     | 07     | -      | 4,53               | 3,17   | 2,42   | 1,89   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 10     | 07     | -      | 4,97               | 2,98   | 2,27   | 1,78   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 10     | 07     | -      | 5,36               | 2,82   | 2,15   | 1,68   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 10     | 07     | -      | 3,95               | 3,95   | 2,30   | 1,80   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 16     | 10     | 07     | -      | 4,19               | 3,84   | 2,23   | 1,74   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 16     | 10     | 07     | -      | 4,62               | 3,63   | 2,11   | 1,65   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 16     | 10     | 07     | -      | 5,00               | 3,44   | 2,00   | 1,56   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 18     | 10     | 07     | -      | 4,07               | 4,07   | 2,17   | 1,69   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 18     | 10     | 07     | -      | 4,49               | 3,85   | 2,05   | 1,60   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 18     | 10     | 07     | -      | 4,87               | 3,65   | 1,95   | 1,52   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 13     | 07     | -      | 3,34               | 3,34   | 3,34   | 1,99   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 13     | 07     | -      | 4,02               | 3,07   | 3,07   | 1,83   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 13     | 07     | -      | 4,26               | 2,98   | 2,98   | 1,78   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 13     | 07     | -      | 4,69               | 2,82   | 2,82   | 1,68   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 13     | 07     | -      | 5,08               | 2,67   | 2,67   | 1,59   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 13     | 07     | -      | 3,73               | 3,73   | 2,85   | 1,69   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 16     | 13     | 07     | -      | 3,96               | 3,63   | 2,77   | 1,65   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 16     | 13     | 07     | -      | 4,38               | 3,44   | 2,63   | 1,56   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 16     | 13     | 07     | -      | 4,75               | 3,27   | 2,50   | 1,49   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 18     | 13     | 07     | -      | 3,85               | 3,85   | 2,70   | 1,60   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 18     | 13     | 07     | -      | 4,26               | 3,65   | 2,56   | 1,52   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 18     | 13     | 07     | -      | 4,64               | 3,48   | 2,43   | 1,45   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 10     | -      | 3,00               | 3,00   | 3,00   | 3,00   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 10     | 10     | 10     | -      | 3,65               | 2,78   | 2,78   | 2,78   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 10     | -      | 4,37               | 2,54   | 2,54   | 2,54   | -      | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 10     | 10     | -      | 4,62               | 2,46   | 2,46   | 2,46   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 10     | -      | 5,06               | 2,31   | 2,31   | 2,31   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
| 24                                    | 10          | 10     | 10     | -      |        |                    |        |        |        |        |                       |       |       |                 |       |       |                            |     |                 |              |                 |              |

# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status  | Combination       |        |        |        |        | Unit capacity (kW) |        |        |        |        | Heating capacity (kW) |       |       | Power input (W) |       |       | Operating current (A) Nom. | PDH   | SCOP            |              | Label           |              |      |
|-------------------|-------------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|----------------------------|-------|-----------------|--------------|-----------------|--------------|------|
|                   | Unit A            | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  |                            |       | Average climate | Warm climate | Average climate | Warm climate |      |
| 4 units operation | 22                | 13     | 13     | 10     | -      | 4,52               | 2,71   | 2,71   | 2,06   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 24                | 13     | 13     | 10     | -      | 4,90               | 2,57   | 2,57   | 1,96   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 16                | 16     | 13     | 10     | -      | 3,59               | 3,59   | 2,74   | 2,09   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 18                | 16     | 13     | 10     | -      | 3,81               | 3,49   | 2,67   | 2,03   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 22                | 16     | 13     | 10     | -      | 4,22               | 3,32   | 2,53   | 1,93   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 24                | 16     | 13     | 10     | -      | 4,59               | 3,16   | 2,41   | 1,84   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 18                | 18     | 13     | 10     | -      | 3,71               | 3,71   | 2,60   | 1,98   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 22                | 18     | 13     | 10     | -      | 4,12               | 3,53   | 2,47   | 1,88   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 24                | 18     | 13     | 10     | -      | 4,49               | 3,36   | 2,36   | 1,79   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 13                | 13     | 13     | 13     | -      | 3,00               | 3,00   | 3,00   | 3,00   | -      | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 16                | 13     | 13     | 13     | -      | 3,65               | 2,78   | 2,78   | 2,78   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 18                | 13     | 13     | 13     | -      | 3,87               | 2,71   | 2,71   | 2,71   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 22                | 13     | 13     | 13     | -      | 4,29               | 2,57   | 2,57   | 2,57   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 24                | 13     | 13     | 13     | -      | 4,66               | 2,45   | 2,45   | 2,45   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 16                | 16     | 13     | 13     | -      | 3,40               | 3,40   | 2,60   | 2,60   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 18                | 16     | 13     | 13     | -      | 3,62               | 3,32   | 2,53   | 2,53   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 22                | 16     | 13     | 13     | -      | 4,02               | 3,16   | 2,41   | 2,41   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 24                | 16     | 13     | 13     | -      | 4,38               | 3,01   | 2,30   | 2,30   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 18                | 18     | 13     | 13     | -      | 3,53               | 3,53   | 2,47   | 2,47   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 22                | 18     | 13     | 13     | -      | 3,93               | 3,36   | 2,36   | 2,36   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 24                | 18     | 13     | 13     | -      | 4,29               | 3,21   | 2,25   | 2,25   | -      | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
|                   | 5 units operation | 05     | 05     | 05     | 05     | 05                 | 2,00   | 2,00   | 2,00   | 2,00   | 2,00                  | 2,02  | 10,00 | 12,50           | 490   | 2.370 | 3.630                      | 10.72 | 5.7             | 4.10         | 4.90            | A+           | A++  |
|                   |                   | 07     | 05     | 05     | 05     | 05                 | 2,50   | 2,00   | 2,00   | 2,00   | 2,00                  | 2,07  | 10,50 | 13,60           | 490   | 2.480 | 3.940                      | 11.21 | 6.0             | 4.10         | 5.00            | A+           | A++  |
|                   |                   | 10     | 05     | 05     | 05     | 05                 | 3,20   | 2,00   | 2,00   | 2,00   | 2,00                  | 2,13  | 11,20 | 14,20           | 490   | 2.630 | 4.100                      | 11.89 | 6.3             | 4.20         | 5.10            | A+           | A+++ |
| 13                |                   | 05     | 05     | 05     | 05     | 4,13               | 1,97   | 1,97   | 1,97   | 1,97   | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 05     | 05     | 05     | 05     | 4,89               | 1,78   | 1,78   | 1,78   | 1,78   | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 05     | 05     | 05     | 05     | 5,14               | 1,71   | 1,71   | 1,71   | 1,71   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 07                |                   | 07     | 05     | 05     | 05     | 2,50               | 2,50   | 2,00   | 2,00   | 2,00   | 2,11                  | 11,00 | 14,20 | 490             | 2.590 | 4.100 | 11.71                      | 6.2   | 4.20            | 5.10         | A+              | A+++         |      |
| 10                |                   | 07     | 05     | 05     | 05     | 3,20               | 2,50   | 2,00   | 2,00   | 2,00   | 2,18                  | 11,70 | 14,20 | 490             | 2.740 | 4.100 | 12.38                      | 6.6   | 4.20            | 5.20         | A+              | A+++         |      |
| 13                |                   | 07     | 05     | 05     | 05     | 3,97               | 2,36   | 1,89   | 1,89   | 1,89   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 07     | 05     | 05     | 05     | 4,71               | 2,14   | 1,71   | 1,71   | 1,71   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 07     | 05     | 05     | 05     | 4,97               | 2,07   | 1,66   | 1,66   | 1,66   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 10                |                   | 10     | 05     | 05     | 05     | 3,10               | 3,10   | 1,94   | 1,94   | 1,94   | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 13                |                   | 10     | 05     | 05     | 05     | 3,76               | 2,87   | 1,79   | 1,79   | 1,79   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 10     | 05     | 05     | 05     | 4,49               | 2,61   | 1,63   | 1,63   | 1,63   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 10     | 05     | 05     | 05     | 4,74               | 2,53   | 1,58   | 1,58   | 1,58   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 13                |                   | 13     | 05     | 05     | 05     | 3,50               | 3,50   | 1,67   | 1,67   | 1,67   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 13     | 05     | 05     | 05     | 4,20               | 3,21   | 1,53   | 1,53   | 1,53   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 13     | 05     | 05     | 05     | 4,44               | 3,11   | 1,48   | 1,48   | 1,48   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 16     | 05     | 05     | 05     | 3,88               | 3,88   | 1,41   | 1,41   | 1,41   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 16     | 05     | 05     | 05     | 4,11               | 3,77   | 1,37   | 1,37   | 1,37   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 18     | 05     | 05     | 05     | 4,00               | 4,00   | 1,33   | 1,33   | 1,33   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 07                |                   | 07     | 07     | 05     | 05     | 2,50               | 2,50   | 2,50   | 2,00   | 2,00   | 2,16                  | 11,50 | 14,20 | 490             | 2.700 | 4.100 | 12.20                      | 6.5   | 4.20            | 5.20         | A+              | A+++         |      |
| 10                |                   | 07     | 07     | 05     | 05     | 3,15               | 2,46   | 2,46   | 1,97   | 1,97   | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 13                |                   | 07     | 07     | 05     | 05     | 3,82               | 2,27   | 2,27   | 1,82   | 1,82   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 07     | 07     | 05     | 05     | 4,55               | 2,07   | 2,07   | 1,66   | 1,66   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 07     | 07     | 05     | 05     | 4,80               | 2,00   | 2,00   | 1,60   | 1,60   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 10                |                   | 10     | 07     | 05     | 05     | 2,98               | 2,98   | 2,33   | 1,86   | 1,86   | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 13                |                   | 10     | 07     | 05     | 05     | 3,63               | 2,76   | 2,16   | 1,73   | 1,73   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 10     | 07     | 05     | 05     | 4,34               | 2,53   | 1,97   | 1,58   | 1,58   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 10     | 07     | 05     | 05     | 4,59               | 2,45   | 1,91   | 1,53   | 1,53   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 13                |                   | 13     | 07     | 05     | 05     | 3,38               | 3,38   | 2,01   | 1,61   | 1,61   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 13     | 07     | 05     | 05     | 4,07               | 3,11   | 1,85   | 1,48   | 1,48   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 13     | 07     | 05     | 05     | 4,31               | 3,02   | 1,80   | 1,44   | 1,44   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 16     | 07     | 05     | 05     | 3,77               | 3,77   | 1,71   | 1,37   | 1,37   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 18                |                   | 16     | 07     | 05     | 05     | 4,00               | 3,67   | 1,67   | 1,33   | 1,33   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 10                |                   | 10     | 10     | 05     | 05     | 2,82               | 2,82   | 2,82   | 1,76   | 1,76   | 2,20                  | 12,00 | 14,20 | 490             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 13                |                   | 10     | 10     | 05     | 05     | 3,45               | 2,63   | 2,63   | 1,64   | 1,64   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8   | 4.30            | 5.30         | A+              | A+++         |      |
| 16                |                   | 10     | 10     | 05     | 05     | 4,15               | 2,42   | 2,42   | 1,51   | 1,51   | 2,20                  | 12,00 | 14,   |                 |       |       |                            |       |                 |              |                 |              |      |



# RAS MULTI INDOOR UNITS

RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status                      | Combination |        |        |        |        | Unit capacity (kW) |        |        |        |        | Heating capacity (kW) |       |       | Power input (W) |       |       | Operating current (A) Nom. | PDH | SCOP            |              | Label           |              |
|---------------------------------------|-------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|----------------------------|-----|-----------------|--------------|-----------------|--------------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  |                            |     | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE<br><br>5 units operation | 13          | 10     | 10     | 07     | 05     | 3,34               | 2,54   | 2,54   | 1,99   | 1,59   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 07     | 05     | 4,02               | 2,34   | 2,34   | 1,83   | 1,46   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 10     | 05     | 2,59               | 2,59   | 2,59   | 2,59   | 1,62   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 07          | 07     | 07     | 07     | 07     | 2,40               | 2,40   | 2,40   | 2,40   | 2,40   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 07     | 07     | 07     | 07     | 2,91               | 2,27   | 2,27   | 2,27   | 2,27   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 07     | 07     | 07     | 07     | 3,55               | 2,11   | 2,11   | 2,11   | 2,11   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 07     | 07     | 07     | 07     | 4,26               | 1,94   | 1,94   | 1,94   | 1,94   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 07     | 07     | 07     | 07     | 4,50               | 1,88   | 1,88   | 1,88   | 1,88   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 07     | 07     | 07     | 2,76               | 2,76   | 2,16   | 2,16   | 2,16   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 10     | 07     | 07     | 07     | 3,38               | 2,58   | 2,01   | 2,01   | 2,01   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 07     | 07     | 07     | 4,07               | 2,37   | 1,85   | 1,85   | 1,85   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 07     | 07     | 07     | 4,31               | 2,30   | 1,80   | 1,80   | 1,80   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 07     | 07     | 07     | 3,17               | 3,17   | 1,89   | 1,89   | 1,89   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 07     | 07     | 07     | 3,84               | 2,93   | 1,74   | 1,74   | 1,74   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 07     | 07     | 07     | 4,07               | 2,85   | 1,69   | 1,69   | 1,69   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 07     | 07     | 07     | 3,57               | 3,57   | 1,62   | 1,62   | 1,62   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 16     | 07     | 07     | 07     | 3,79               | 3,47   | 1,58   | 1,58   | 1,58   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 07     | 07     | 2,63               | 2,63   | 2,63   | 2,05   | 2,05   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 10     | 10     | 07     | 07     | 3,23               | 2,46   | 2,46   | 1,92   | 1,92   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 07     | 07     | 3,91               | 2,27   | 2,27   | 1,78   | 1,78   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 10     | 07     | 07     | 4,14               | 2,21   | 2,21   | 1,72   | 1,72   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 10     | 07     | 07     | 3,04               | 3,04   | 2,31   | 1,81   | 1,81   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 10     | 07     | 07     | 3,69               | 2,82   | 2,15   | 1,68   | 1,68   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 10     | 07     | 07     | 3,91               | 2,74   | 2,09   | 1,63   | 1,63   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 10     | 07     | 07     | 3,44               | 3,44   | 2,00   | 1,56   | 1,56   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 16     | 10     | 07     | 07     | 3,65               | 3,35   | 1,95   | 1,52   | 1,52   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 13     | 07     | 07     | 2,86               | 2,86   | 2,86   | 1,70   | 1,70   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 13     | 07     | 07     | 3,49               | 2,67   | 2,67   | 1,59   | 1,59   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 13     | 07     | 07     | 3,71               | 2,60   | 2,60   | 1,55   | 1,55   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 13     | 07     | 07     | 3,27               | 3,27   | 2,50   | 1,49   | 1,49   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 16     | 13     | 07     | 07     | 3,48               | 3,19   | 2,43   | 1,45   | 1,45   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 10     | 07     | 2,51               | 2,51   | 2,51   | 2,51   | 1,96   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 10     | 10     | 10     | 07     | 3,09               | 2,36   | 2,36   | 2,36   | 1,84   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 10     | 07     | 3,75               | 2,18   | 2,18   | 2,18   | 1,70   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 10     | 10     | 07     | 3,98               | 2,12   | 2,12   | 2,12   | 1,66   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 10     | 10     | 07     | 2,91               | 2,91   | 2,22   | 2,22   | 1,73   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 10     | 10     | 07     | 3,55               | 2,71   | 2,06   | 2,06   | 1,61   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 10     | 10     | 07     | 3,77               | 2,64   | 2,01   | 2,01   | 1,57   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 10     | 10     | 07     | 3,32               | 3,32   | 1,93   | 1,93   | 1,51   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 13     | 10     | 07     | 2,75               | 2,75   | 2,75   | 2,10   | 1,64   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 13     | 10     | 07     | 3,37               | 2,57   | 2,57   | 1,96   | 1,53   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 13     | 10     | 07     | 3,58               | 2,51   | 2,51   | 1,91   | 1,49   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 13     | 10     | 07     | 3,16               | 3,16   | 2,41   | 1,84   | 1,44   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 13     | 13     | 07     | 2,61               | 2,61   | 2,61   | 2,61   | 1,55   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 13     | 13     | 07     | 3,20               | 2,45   | 2,45   | 2,45   | 1,46   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 13     | 13     | 07     | 3,41               | 2,39   | 2,39   | 2,39   | 1,42   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 13     | 13     | 07     | 3,01               | 3,01   | 2,30   | 2,30   | 1,37   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 10          | 10     | 10     | 10     | 10     | 2,40               | 2,40   | 2,40   | 2,40   | 2,40   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 10     | 10     | 10     | 10     | 2,96               | 2,26   | 2,26   | 2,26   | 2,26   | 2,20                  | 12,00 | 14,20 | 510             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 10     | 10     | 10     | 10     | 3,61               | 2,10   | 2,10   | 2,10   | 2,10   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 10     | 10     | 10     | 10     | 3,83               | 2,04   | 2,04   | 2,04   | 2,04   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 10     | 10     | 10     | 2,80               | 2,80   | 2,13   | 2,13   | 2,13   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 13     | 10     | 10     | 10     | 3,42               | 2,61   | 1,99   | 1,99   | 1,99   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 18          | 13     | 10     | 10     | 10     | 3,64               | 2,55   | 1,94   | 1,94   | 1,94   | 2,20                  | 12,00 | 14,20 | 540             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 16          | 16     | 10     | 10     | 10     | 3,20               | 3,20   | 1,86   | 1,86   | 1,86   | 2,20                  | 12,00 | 14,20 | 530             | 2.800 | 4.100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 13          | 13     | 13     | 10     | 10     | 2,65               | 2,65   |        |        |        |                       |       |       |                 |       |       |                            |     |                 |              |                 |              |



## RAS MULTI INDOOR UNITS

### RAS-5M34G3AVG-E - PERFORMANCES DATA 5-SPLIT SIZE 34

| Operating status                      | Combination |        |        |        |        | Unit capacity (kW) |        |        |        |        | Heating capacity (kW) |       |       | Power input (W) |       |       | Operating current (A) Nom. | PDH | SCOP            |              | Label           |              |
|---------------------------------------|-------------|--------|--------|--------|--------|--------------------|--------|--------|--------|--------|-----------------------|-------|-------|-----------------|-------|-------|----------------------------|-----|-----------------|--------------|-----------------|--------------|
|                                       | Unit A      | Unit B | Unit C | Unit D | Unit E | Unit A             | Unit B | Unit C | Unit D | Unit E | Min.                  | Nom.  | Max.  | Min.            | Nom.  | Max.  |                            |     | Average climate | Warm climate | Average climate | Warm climate |
| HEATING MODE<br><br>5 units operation | 22          | 07     | 07     | 05     | 05     | 5,25               | 1,88   | 1,88   | 1,50   | 1,50   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 07     | 07     | 05     | 05     | 5,65               | 1,76   | 1,76   | 1,41   | 1,41   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 07     | 05     | 05     | 5,03               | 2,30   | 1,80   | 1,44   | 1,44   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 07     | 05     | 05     | 5,42               | 2,17   | 1,69   | 1,36   | 1,36   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 07     | 05     | 05     | 4,75               | 2,85   | 1,69   | 1,36   | 1,36   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 07     | 05     | 05     | 5,13               | 2,70   | 1,60   | 1,28   | 1,28   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 05     | 05     | 4,83               | 2,21   | 2,21   | 1,38   | 1,38   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 05     | 05     | 5,22               | 2,09   | 2,09   | 1,30   | 1,30   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 10     | 05     | 05     | 4,57               | 2,74   | 2,09   | 1,30   | 1,30   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 10     | 05     | 05     | 4,95               | 2,60   | 1,98   | 1,24   | 1,24   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 13     | 05     | 05     | 4,33               | 2,60   | 2,60   | 1,24   | 1,24   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 13     | 05     | 05     | 4,71               | 2,47   | 2,47   | 1,18   | 1,18   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 07     | 07     | 07     | 05     | 5,09               | 1,82   | 1,82   | 1,82   | 1,45   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 07     | 07     | 07     | 05     | 5,49               | 1,71   | 1,71   | 1,71   | 1,37   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 07     | 07     | 05     | 4,88               | 2,23   | 1,74   | 1,74   | 1,40   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 07     | 07     | 05     | 5,27               | 2,11   | 1,65   | 1,65   | 1,32   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 07     | 07     | 05     | 4,62               | 2,77   | 1,65   | 1,65   | 1,32   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 07     | 07     | 05     | 5,00               | 2,63   | 1,56   | 1,56   | 1,25   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 07     | 05     | 4,69               | 2,15   | 2,15   | 1,68   | 1,34   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 07     | 05     | 5,08               | 2,03   | 2,03   | 1,59   | 1,27   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 10     | 07     | 05     | 4,44               | 2,67   | 2,03   | 1,59   | 1,27   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 10     | 07     | 05     | 4,82               | 2,53   | 1,93   | 1,51   | 1,21   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 13     | 07     | 05     | 4,22               | 2,53   | 2,53   | 1,51   | 1,21   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 13     | 07     | 05     | 4,59               | 2,41   | 2,41   | 1,44   | 1,15   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 10     | 05     | 4,52               | 2,06   | 2,06   | 2,06   | 1,29   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 10     | 05     | 4,90               | 1,96   | 1,96   | 1,96   | 1,22   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 10     | 10     | 05     | 4,29               | 2,57   | 1,96   | 1,96   | 1,22   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 10     | 10     | 05     | 4,66               | 2,45   | 1,86   | 1,86   | 1,17   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 13     | 10     | 05     | 4,08               | 2,45   | 2,45   | 1,86   | 1,17   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 13     | 10     | 05     | 4,44               | 2,33   | 2,33   | 1,78   | 1,11   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 13     | 13     | 05     | 3,89               | 2,33   | 2,33   | 2,33   | 1,11   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 07     | 07     | 07     | 07     | 4,94               | 1,76   | 1,76   | 1,76   | 1,76   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 07     | 07     | 07     | 07     | 5,33               | 1,67   | 1,67   | 1,67   | 1,67   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 07     | 07     | 07     | 4,75               | 2,17   | 1,69   | 1,69   | 1,69   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 07     | 07     | 07     | 5,13               | 2,05   | 1,60   | 1,60   | 1,60   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 07     | 07     | 07     | 4,49               | 2,70   | 1,60   | 1,60   | 1,60   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 07     | 07     | 07     | 4,87               | 2,56   | 1,52   | 1,52   | 1,52   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 07     | 07     | 4,57               | 2,09   | 2,09   | 1,63   | 1,63   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 07     | 07     | 4,95               | 1,98   | 1,98   | 1,55   | 1,55   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 10     | 07     | 07     | 4,33               | 2,60   | 1,98   | 1,55   | 1,55   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 10     | 07     | 07     | 4,71               | 2,47   | 1,88   | 1,47   | 1,47   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 13     | 07     | 07     | 4,12               | 2,47   | 2,47   | 1,47   | 1,47   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 13     | 07     | 07     | 4,49               | 2,36   | 2,36   | 1,40   | 1,40   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 10     | 07     | 4,40               | 2,01   | 2,01   | 2,01   | 1,57   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 10     | 07     | 4,78               | 1,91   | 1,91   | 1,91   | 1,49   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 10     | 10     | 07     | 4,18               | 2,51   | 1,91   | 1,91   | 1,49   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 10     | 10     | 07     | 4,55               | 2,39   | 1,82   | 1,82   | 1,42   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 13     | 10     | 07     | 3,98               | 2,39   | 2,39   | 1,82   | 1,42   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 13     | 10     | 07     | 4,34               | 2,28   | 2,28   | 1,74   | 1,36   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 13     | 13     | 07     | 3,80               | 2,28   | 2,28   | 2,28   | 1,36   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 10     | 10     | 10     | 10     | 4,24               | 1,94   | 1,94   | 1,94   | 1,94   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 10     | 10     | 10     | 10     | 4,62               | 1,85   | 1,85   | 1,85   | 1,85   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 10     | 10     | 10     | 4,04               | 2,42   | 1,85   | 1,85   | 1,85   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 24          | 13     | 10     | 10     | 10     | 4,40               | 2,31   | 1,76   | 1,76   | 1,76   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |
|                                       | 22          | 13     | 13     | 10     | 10     | 3,85               | 2,31   | 2,31   | 1,76   | 1,76   | 2,20                  | 12,00 | 14,20 | 540             | 2,800 | 4,100 | 12.66                      | 6.8 | 4.30            | 5.30         | A+              | A+++         |

\*Applicable indoor unit types are "PKV" series and "BKV" series only (Hi Wall type only).



# LIGHT COMMERCIAL UNITS

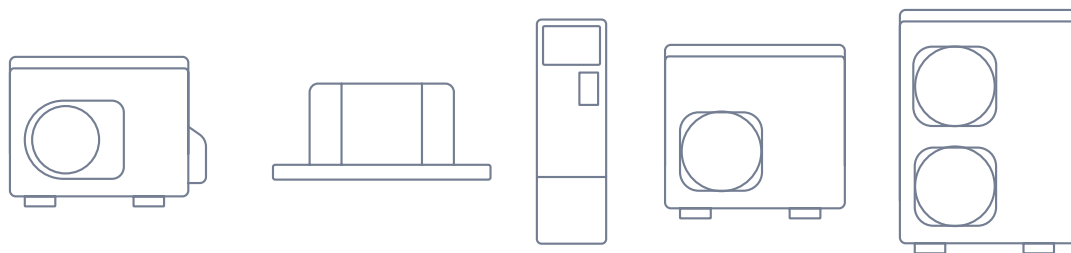
**Ideal solutions crafted by the experts,  
tailored for professionals.**

Advanced technology, comfort and convenience: in other words, Toshiba!

Toshiba's Digital & Super Digital Inverter systems are the perfect cost-efficient solution for compact units, ideal for every commercial use!







# All the efficiency and flexibility you have ever dreamt of

**TOSHIBA**



Both **Super Digital Inverter** and **Digital Inverter** mix high efficiency, excellent connectivity and low environmental impact with always the same target: **premium comfort for the user.**

## DC TWIN-ROTARY COMPRESSOR AND VECTOR-CONTROLLED INVERTER

The advantages of inverter technology are further optimized when combined with Toshiba twin-rotary compressors, giving exceptional speed control in the capacity range from 20 to 100% capacity: a unique Toshiba benefit!



Your best ally

**Enhanced efficiency** with Toshiba Twin-Rotary Compressor



LOW NOISE



LOW VIBRATIONS



WIDE OPERATING RANGE

## ENHANCE YOUR DIGITAL INVERTER EXPERIENCE!

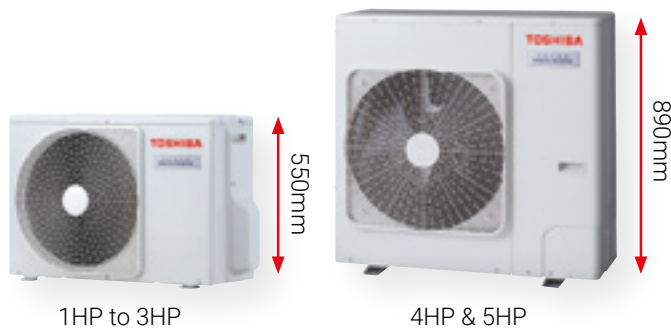
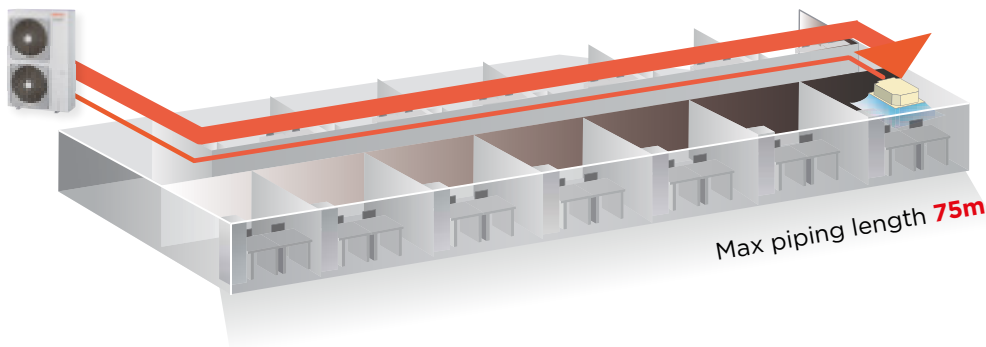
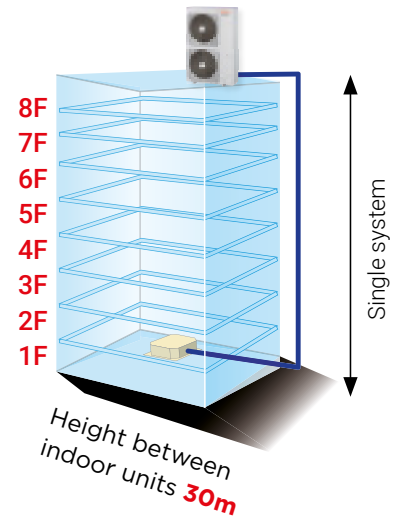
Enjoy new forward-thinking technologies for greater thermal and acoustic comfort. Experience true savings with a new way to optimize the system load and save time at commissioning as well as maintenance, thanks to the embedded operation check functions.

## FEATURES

- ✓ One-fan compact chassis, easy to handle and install
- ✓ A++ efficiency level with Twin-Rotary Compressor
- ✓ Up to 50m piping length and 30m height difference for maximized project coverage
- ✓ Less than 2.4Kg of R-32 refrigerant precharge to help optimize carbon footprint
- ✓ Toshiba noise reduction function or your neighbourhood comfort

## PIPING FLEXIBILITY

Super Digital Inverter, leader in the industry, efficiently supports the height differences of up to 30 meters on a single system; enough height to cover an 8-storey building! Consequently, the outdoor unit can be installed out of sight, increasing installation flexibility (only 4 & 5HP).



## SMALL AND LIGHT CHASSIS

Less than 900mm up to 5HP, the Digital Inverter is extremely compact and can be installed in very small spaces. In addition, chassis under 5HP are less than 70Kg.

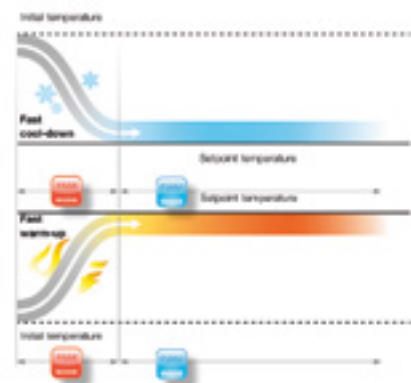
## SMART INVERTER

Hybrid inverter control combines two intelligent control mechanisms to reach the set point temperature as quickly as possible with maximum efficiency:

The PAM mode, quickly achieves high capacity and desired comfort

The PWM mode minimizes power input to maximize efficiency

**The result: high efficiency level.**





# SUPER DIGITAL INVERTER

**TOSHIBA**



**SCOP max.**  
5.51



**Capacity**  
5,00kW-16,00kW



**Operation**  
-27°C/+52°C

## Maximized Efficiency, Minimized Cost

Super Digital Inverter will maximize your energy savings and keep operating costs to a minimum, thanks to Toshiba's legendary Twin-Rotary Compressors and Vector Controlled Inverter. Benefit also from all the connectivity and flexibility you have ever dreamt of, for guaranteed comfort and exceptional efficiency. Choosing Toshiba's light commercial advanced solutions is the right option for low environmental impact and outstanding durable investments.



### FEATURES



#### Top Class Efficiency

- High efficiency SCOP of up to 5.51, thanks to Toshiba inverter technology



#### Flexible

- Can be utilised for single, twin or triple indoor applications



#### Wide Adaptability

- Operating temperature limits from -27°C (heating) to +52°C (cooling) allow the system to operate across a wide temperature range
- Quiet operation



#### Easy Maintenance

- Removable corner panels for easy access
- Self-diagnosis function

## TECHNICAL CHARACTERISTICS

### PHYSICAL DATA OUTDOOR - SINGLE PHASE

| OUTDOOR UNIT                |          | RAV-GP561ATW-E<br>2 HP | RAV-GP801ATW-E<br>3 HP | RAV-GP1101AT-E<br>4 HP | RAV-GP1401AT-E1<br>5 HP |
|-----------------------------|----------|------------------------|------------------------|------------------------|-------------------------|
| Airflow                     | m³/h-l/s | 2.250-625              | 3.180-883              | 6.960-1.933            | 6.960-1.933             |
| Sound pressure level        | dB(A) C  | 46                     | 46                     | 49                     | 50                      |
| Sound power level           | dB(A) C  | 63                     | 63                     | 66                     | 67                      |
| Operating range             | °C C     | -15/52                 | -15/52                 | -15/52                 | -15/52                  |
| Sound pressure level        | dB(A) H  | 48                     | 48                     | 50                     | 51                      |
| Sound power level           | dB(A) H  | 65                     | 65                     | 67                     | 68                      |
| Operating range             | °C H     | -27/15                 | -27/15                 | -27/15                 | -27/15                  |
| Dimensions (H×W×D)          | mm       | 630×799×299            | 1.050×1.010×370        | 1.550×1.010×370        | 1.550×1.010×370         |
| Weight                      | Kg       | 45                     | 74                     | 104                    | 104                     |
| Compressor type             |          | DC Twin-Rotary         | DC Twin-Rotary         | DC Twin-Rotary         | DC Twin-Rotary          |
| Flare connections - Gas     |          | 1/2"                   | 5/8"                   | 5/8"                   | 5/8"                    |
| Flare connections - Liquid  |          | 1/4"                   | 3/8"                   | 3/8"                   | 3/8"                    |
| Minimum pipe length         | m        | 3                      | 3                      | 3                      | 3                       |
| Maximum pipe length         | m        | 50                     | 50                     | 75                     | 75                      |
| Maximum height difference   | m        | 30                     | 30                     | 30                     | 30                      |
| Chargeless pipe length      | m        | 20                     | 30                     | 30                     | 30                      |
| Refrigerant charging (R-32) | Type/Kg  | R-32/1.35              | R-32/1.90              | R-32/3.10              | R-32/3.10               |
| Power supply                | V/Hz/Ph  | 220-240/50/1           | 220-240/50/1           | 220-240/50/1           | 220-240/50/1            |

### PHYSICAL DATA OUTDOOR - THREE PHASE

| OUTDOOR UNIT                |          | RAV-GP1101AT8-E<br>4 HP | RAV-GP1401AT8-E1<br>5 HP | RAV-GP1601AT8-E<br>6 HP |
|-----------------------------|----------|-------------------------|--------------------------|-------------------------|
| Airflow                     | m³/h-l/s | 6.060-1.683             | 6.180-1.717              | 6.180-1.717             |
| Sound pressure level        | dB(A) C  | 49                      | 51                       | 51                      |
| Sound power level           | dB(A) C  | 66                      | 68                       | 68                      |
| Operating range             | °C C     | -15/46                  | -15/46                   | -15/46                  |
| Sound pressure level        | dB(A) H  | 50                      | 52                       | 53                      |
| Sound power level           | dB(A) H  | 67                      | 69                       | 70                      |
| Operating range             | °C H     | -20/15                  | -20/15                   | -20/15                  |
| Dimensions (H×W×D)          | mm       | 1.340×900×320           | 1.340×900×320            | 1.340×900×320           |
| Weight                      | Kg       | 95                      | 95                       | 95                      |
| Compressor type             |          | DC Twin-Rotary          | DC Twin-Rotary           | DC Twin-Rotary          |
| Flare connections - Gas     |          | 5/8"                    | 5/8"                     | 5/8"                    |
| Flare connections - Liquid  |          | 3/8"                    | 3/8"                     | 3/8"                    |
| Minimum pipe length         | m        | 3                       | 3                        | 3                       |
| Maximum pipe length         | m        | 75                      | 75                       | 75                      |
| Maximum height difference   | m        | 30                      | 30                       | 30                      |
| Chargeless pipe length      | m        | 30                      | 30                       | 30                      |
| Refrigerant charging (R-32) | Type/Kg  | R-32/2.60               | R-32/2.60                | R-32/2.60               |
| Power supply                | V/Hz/Ph  | 380-415/50/3N           | 380-415/50/3N            | 380-415/50/3N           |

C = Cooling Mode    H = Heating Mode



# DIGITAL INVERTER

**TOSHIBA**



**Lineup**  
1 > 6HP



**Operating Range**  
-15 > 46°C  
-15 > 15°C



**Sound Pressure Level**  
46 < 57dB(A)

## Smaller external units, more power in the technology

Enhance your Digital Inverter Experience! Enjoy new forward-thinking technologies for greater thermal and acoustic comfort. Experience true savings with a new way to optimize the system load. Save time at commissioning and maintenance, thanks to the embedded operation check functions.



### FEATURES



One-fan compact chassis easy to handle and install



Less than 2.4Kg of R-32 refrigerant precharge to help optimize carbon footprint



A++ efficiency level with Twin-Rotary Compressor



Toshiba noise reduction function for your neighbourhood comfort



Up to 50m piping length and 30m height difference for maximized project coverage

## TECHNICAL CHARACTERISTICS

### PHYSICAL DATA OUTDOOR - SINGLE PHASE

| OUTDOOR UNIT                |                      | RAV-GM301ATP-E<br>1 HP   | RAV-GM401ATP-E<br>1.5 HP | RAV-GM561ATP-E1<br>2 HP  | RAV-GM801ATP-E<br>3 HP   | RAV-GM901ATP-E<br>3.5 HP | RAV-GM1101ATP-E<br>4 HP  | RAV-GM1401ATP-E1<br>5 HP | RAV-GM1601ATP-E<br>6 HP  |
|-----------------------------|----------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Airflow                     | m³/h-l/s             | 1.800-500                | 2.200-611                | 2.400-667                | 2.700-750                | 2.900-806                | 4.080-1.133              | 4.200-1.167              | 6.900-1.917              |
| Sound pressure level        | dB(A) <span>C</span> | 46                       | 49                       | 46                       | 48                       | 51                       | 54                       | 55                       | 53                       |
| Sound power level           | dB(A) <span>C</span> | 61                       | 64                       | 63                       | 65                       | 68                       | 70                       | 70                       | 70                       |
| Operating range             | °C <span>C</span>    | -15/46                   | -15/46                   | -15/46                   | -15/46                   | -15/46                   | -15/46                   | -15/46                   | -15/46                   |
| Sound pressure level        | dB(A) <span>H</span> | 47                       | 50                       | 48                       | 52                       | 55                       | 57                       | 57                       | 55                       |
| Sound power level           | dB(A) <span>H</span> | 62                       | 65                       | 65                       | 69                       | 72                       | 74                       | 74                       | 72                       |
| Operating range             | °C <span>H</span>    | -15/15                   | -15/15                   | -15/15                   | -15/15                   | -15/15                   | -15/15                   | -15/15                   | -15/15                   |
| Dimensions (H×W×D)          | mm                   | 550×780×290              | 550×780×290              | 550×780×290              | 550×780×290              | 630×800×300              | 890×900×320              | 890×900×320              | 1.340×900×320            |
| Weight                      | Kg                   | 33                       | 39                       | 40                       | 44                       | 47                       | 68                       | 68                       | 95                       |
| Compressor type             |                      | DC Rotary                | DC Twin-Rotary           | DC Twin-Rotary           | DC Twin-Rotary           | DC Twin-Rotary           | DC Twin-Rotary           | DC Twin-Rotary           | DC Twin-Rotary           |
| Flare connections           |                      |                          |                          |                          |                          |                          |                          |                          |                          |
| Gas                         |                      | 3/8"                     | 1/2"                     | 1/2"                     | 5/8"                     | 5/8"                     | 5/8"                     | 5/8"                     | 5/8"                     |
| Liquid                      |                      | 1/4"                     | 1/4"                     | 1/4"                     | 3/8"                     | 3/8"                     | 3/8"                     | 3/8"                     | 3/8"                     |
| Minimum pipe length         | m                    | 2                        | 2                        | 5                        | 5                        | 5                        | 5                        | 5                        | 5                        |
| Maximum pipe length         | m                    | 20                       | 20                       | 30                       | 30                       | 50                       | 50                       | 50                       | 50                       |
| Maximum height difference   | m                    | 10                       | 10                       | 30                       | 30                       | 30                       | 30                       | 30                       | 30                       |
| Chargeless pipe length      | m                    | 15                       | 15                       | 20                       | 20                       | 20                       | 30                       | 30                       | 30                       |
| Refrigerant charging (R-32) | Type/Kg              | R-32/0.60                | R-32/0.90                | R-32/0.90                | R-32/1.30                | R-32/2                   | R-32/2.10                | R-32/2.10                | R-32/2.40                |
| Power supply                | V/Hz/Ph              | 220-240/50/1<br>220/60/1 | 220-240/50/1<br>220/60/1 | 220-240/50/1<br>220/60/1 | 220-240/50/1<br>220/60/1 | 220-240/50/1<br>220/60/1 | 220-240/50/1<br>220/60/1 | 220-240/50/1<br>220/60/1 | 220-240/50/1<br>220/60/1 |

### PHYSICAL DATA OUTDOOR - THREE PHASE

| OUTDOOR UNIT                |                      | RAV-GM1101AT8P-E<br>4 HP | RAV-GM1401AT8P-E1<br>5 HP | RAV-GM1601AT8P-E<br>6 HP |
|-----------------------------|----------------------|--------------------------|---------------------------|--------------------------|
| Airflow                     | m³/h-l/s             | 4.080-1.133              | 4.200-1.167               | 6.900-1.917              |
| Sound pressure level        | dB(A) <span>C</span> | 54                       | 55                        | 53                       |
| Sound power level           | dB(A) <span>C</span> | 70                       | 70                        | 70                       |
| Operating range             | °C <span>C</span>    | -15/46                   | -15/46                    | -15/46                   |
| Sound pressure level        | dB(A) <span>H</span> | 57                       | 57                        | 55                       |
| Sound power level           | dB(A) <span>H</span> | 74                       | 74                        | 72                       |
| Operating range             | °C <span>H</span>    | -15/15                   | -15/15                    | -15/15                   |
| Dimensions (H×W×D)          | mm                   | 890×900×320              | 890×900×320               | 1.340×900×320            |
| Weight                      | Kg                   | 68                       | 68                        | 94                       |
| Compressor type             |                      | DC Twin-Rotary           | DC Twin-Rotary            | DC Twin-Rotary           |
| Flare connections           |                      |                          |                           |                          |
| Gas                         |                      | 5/8"                     | 5/8"                      | 5/8"                     |
| Liquid                      |                      | 3/8"                     | 3/8"                      | 3/8"                     |
| Minimum pipe length         | m                    | 5                        | 5                         | 5                        |
| Maximum pipe length         | m                    | 50                       | 50                        | 50                       |
| Maximum height difference   | m                    | 30                       | 30                        | 30                       |
| Chargeless pipe length      | m                    | 30                       | 30                        | 30                       |
| Refrigerant charging (R-32) | Type/Kg              | R-32/2.10                | R-32/2.10                 | R-32/2.40                |
| Power supply                | V/Hz/Ph              | 380-415/50/3, 380/60/3   | 380-415/50/3, 380/60/3    | 380-415/50/3, 380/60/3   |

C = Cooling Mode    H = Heating Mode





# BIG DIGITAL INVERTER

**TOSHIBA**



**SCOP max.**  
3.78



**Capacity**  
19,00kW-27,00kW



**Operation**  
-27°C/+46°C

## Reliable, sustainable, easily adaptable

Big Digital Inverter combines very small footprint and all of Toshiba's expertise in terms of efficiency, reliability and connectivity, to ensure energy savings as well as perfect comfort all year round.



### FEATURES



#### High Efficiency & Energy Savings

- Best EER and COP in its class, incorporating Toshiba's exclusive Inverter twin-rotary compressor made in Japan
- Compliant with ERP directive lot 21
- Top class part load efficiency



#### Safety & Reliability

- Built-in leak detection system
- Compliant with the child finger entrapment regulation



#### Wide Adaptability

- Allows connection of four indoor units (same type and capacity) to one outdoor unit
- Compatible with a wide choice of indoor units: 4-way Cassette, 4-way Compact Cassette, Slim Duct, Standard Duct, Hi-Wall and Ceiling

## TECHNICAL CHARACTERISTICS

### PHYSICAL DATA OUTDOOR - THREE PHASE

| OUTDOOR UNIT                |          |   | RAV-GM2243AT8P-E<br>8 HP | RAV-GM2803AT8P-E<br>10 HP |
|-----------------------------|----------|---|--------------------------|---------------------------|
| Airflow                     | m³/h-l/s |   | 6.600                    | 7.600                     |
| Sound pressure level        | dB(A)    | C | 58                       | 61                        |
| Sound power level           | dB(A)    | C | 75                       | 78                        |
| Operating range             | °C       | C | -20/46                   | -20/46                    |
| Sound pressure level (h/q)  | dB(A)    | H | 60                       | 63                        |
| Sound power level           | dB(A)    | H | 76                       | 80                        |
| Operating range             | °C       | H | -27/15                   | -20/15                    |
| Dimensions (H×W×D)          | mm       |   | 890 x 1.100 x 460        | 890 x 1.100 x 460         |
| Weight                      | Kg       |   | 117                      | 117                       |
| Compressor type             |          |   | DC Twin Rotary           | DC Twin Rotary            |
| Flare connections           |          |   |                          |                           |
| Gas                         |          |   | 1 1/8"                   | 1 1/8"                    |
| Liquid                      |          |   | 1/2"                     | 1/2"                      |
| Minimum pipe length         | m        |   | 5                        | 5                         |
| Maximum pipe length         | m        |   | 100                      | 100                       |
| Maximum height difference   | m        |   | 30                       | 30                        |
| Chargeless pipe length      | m        |   | 30                       | 30                        |
| Refrigerant charging (R-32) | Type/Kg  |   | R-32/4,6                 | R-32/4,6                  |
| Power supply                | V/Hz/Ph  |   | 380-415/50/3N            | 380-415/50/3N             |

C = Cooling Mode    H = Heating Mode





## 4-WAY CASSETTE



Lineup  
2 > 6HP



Efficiency  
A++/A+++



Sound Pressure Level  
28 < 45dB(A)

## Comfort in compact design!

4-way Cassette is designed to provide uniform air distribution and total comfort. It is the ideal solution for small commercial application.



## FEATURES



A compact and lightweight unit easy to handle



Optional occupancy sensor for intelligent presence detection and energy savings



Self-cleaning function and built-in high-lift drain pump to maximize reliability



Advanced air filtration solutions (as an option) to help create healthy working spaces



Customizable airflow management for high comfort levels



Embedded drain pump for enhanced system reliability and simplified installation



Multiple louver position settings and advanced air filtration possibilities

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA WITH SUPER DIGITAL INVERTER

| OUTDOOR UNIT                      |       | RAV-GP561ATW-E   | RAV-GP801ATW-E | RAV-GP1101AT-E  | RAV-GP1101AT8-E | RAV-GP1401AT-E1 | RAV-GP1401AT8-E1 | RAV-GP1601AT8-E |
|-----------------------------------|-------|------------------|----------------|-----------------|-----------------|-----------------|------------------|-----------------|
| INDOOR UNIT                       |       | RAV-HM561UTP-E   | RAV-HM801UTP-E | RAV-HM1101UTP-E | RAV-HM1101UTP-E | RAV-HM1401UTP-E | RAV-HM1401UTP-E  | RAV-HM1601UTP-E |
| Cooling capacity                  | kW    | 5,00             | 7,10           | 10,00           | 10,00           | 12,50           | 12,50            | 14,00           |
| Cooling range (min.-max.)         | kW    | 1,20-5,60        | 1,90-8,00      | 3,10-12,00      | 2,60-12,00      | 3,10-14,00      | 2,60-14,00       | 2,60-16,00      |
| Power input (min.-rated-max.)     | kW    | C 0,19-1,22-1,97 | 0,26-1,58-3,15 | 0,56-2,13-2,80  | 0,66-2,32-3,60  | 0,53-3,16-3,55  | 0,66-3,42-4,40   | 0,66-4,34-5,70  |
| EER                               |       | 4.10             | 4.49           | 4.69            | 4.31            | 3.96            | 3.65             | 3.23            |
| SEER                              |       | 7.73             | 8.96           | 9.00            | 7.32            | 8.59            | 7.35             | 6.99            |
| Energy efficiency class           | C     | A++              | A+++           | A+++            | A++             | -               | -                | -               |
| Seasonal electricity consumption  | kWh/a | C 226            | 277            | 389             | 478             | 874             | 1.021            | 1.201           |
| Heating capacity                  | kW    | 5,60             | 8,00           | 11,20           | 11,20           | 14,00           | 14,00            | 16,00           |
| Heating range (min.-max.)         | kW    | 0,90-8,10        | 1,30-11,30     | 2,60-13,00      | 2,40-15,60      | 2,60-16,50      | 2,40-18,00       | 2,40-19,00      |
| Power input (min.-rated-max.)     | kW    | H 0,16-1,30-2,76 | 0,20-1,77-3,47 | 0,41-2,34-2,98  | 0,53-2,41-4,30  | 0,40-3,21-4,38  | 0,53-3,41-5,50   | 0,53-4,28-6,51  |
| COP                               | W/W   | 4.31             | 4.52           | 4.79            | 4.65            | 4.36            | 4.11             | 3.74            |
| SCOP (average)                    |       | 4.98             | 5.24           | 4.76            | 4.38            | 4.75            | 4.38             | 4.38            |
| Energy efficiency class (average) | H     | A++              | A+++           | A++             | A+              | -               | -                | -               |
| Seasonal electricity consumption  | kWh/a | H 1.069          | 1.363          | 2.706           | 3.036           | 2.832           | 3.036            | 3.036           |

### PERFORMANCE DATA WITH DIGITAL INVERTER

| OUTDOOR UNIT                      |       | RAV-GM561ATP-E1  | RAV-GM801ATP-E | RAV-GM901ATP-E | RAV-GM1101ATP-E | RAV-GM1101AT8P-E | RAV-GM1401ATP-E1 | RAV-GM1401AT8P-E1 | RAV-GM1601ATP-E | RAV-GM1601AT8P-E |
|-----------------------------------|-------|------------------|----------------|----------------|-----------------|------------------|------------------|-------------------|-----------------|------------------|
| INDOOR UNIT                       |       | RAV-HM561UTP-E   | RAV-HM801UTP-E | RAV-HM901UTP-E | RAV-HM1101UTP-E | RAV-HM1101UTP-E  | RAV-HM1401UTP-E  | RAV-HM1401UTP-E   | RAV-HM1601UTP-E | RAV-HM1601UTP-E  |
| Cooling capacity                  | kW    | 5,00             | 6,70           | 8,00           | 9,50            | 9,50             | 12,00            | 12,00             | 14,00           | 14,00            |
| Cooling range (min.-max.)         | kW    | 1,50-5,60        | 1,50-8,00      | 1,90-8,80      | 3,00-11,20      | 3,00-11,20       | 3,00-13,20       | 3,00-13,20        | 3,00-16,00      | 3,00-16,00       |
| Power input (min.-rated-max.)     | kW    | C 0,26-1,56-1,86 | 0,26-2,22-2,60 | 0,30-2,42-3,00 | 0,60-2,87-4,10  | 0,60-2,87-4,10   | 0,60-4,29-4,71   | 0,60-4,29-4,71    | 0,65-4,49-5,70  | 0,65-4,49-5,70   |
| EER                               |       | 3.21             | 3.02           | 3.30           | 3.31            | 3.31             | 2.80             | 2.80              | 3.12            | 3.12             |
| SEER                              |       | 6.47             | 5.81           | 7.20           | 6.15            | 6.15             | 5.71             | 5.71              | 6.30            | 6.30             |
| Energy efficiency class           | C     | A++              | A+             | A++            | A++             | A++              | A+               | A+                | -               | -                |
| Seasonal electricity consumption  | kWh/a | C 270            | 403            | 389            | 540             | 540              | 736              | 736               | 1.333           | 1.333            |
| Heating capacity                  | kW    | 5,30             | 7,70           | 9,00           | 11,20           | 11,20            | 13,00            | 13,00             | 16,00           | 16,00            |
| Heating range (min.-max.)         | kW    | 1,50-6,30        | 1,50-9,00      | 1,60-9,90      | 3,00-13,00      | 3,00-13,00       | 3,00-16,00       | 3,00-16,00        | 3,00-18,00      | 3,00-18,00       |
| Power input (min.-rated-max.)     | kW    | H 0,26-1,36-2,08 | 0,26-2,13-3,03 | 0,30-2,42-2,90 | 0,60-2,93-4,30  | 0,60-2,93-4,30   | 0,60-3,46-4,50   | 0,60-3,46-4,50    | 0,65-4,43-5,66  | 0,65-4,43-5,66   |
| COP                               | W/W   | 3.90             | 3.62           | 3.72           | 3.82            | 3.82             | 3.76             | 3.76              | 3.61            | 3.61             |
| SCOP (average)                    |       | 4.60             | 4.42           | 4.60           | 4.28            | 4.28             | 4.29             | 4.29              | 4.35            | 4.35             |
| Energy efficiency class (average) | H     | A++              | A+             | A++            | A+              | A+               | A+               | A+                | -               | -                |
| Seasonal electricity consumption  | kWh/a | H 852            | 1.615          | 1.917          | 2.615           | 2.615            | 2.611            | 2.611             | 2.573           | 2.573            |

### PHYSICAL DATA INDOOR

| INDOOR UNITS                 |          | RAV-HM561UTP-E    | RAV-HM801UTP-E    | RAV-HM901UTP-E    | RAV-HM1101UTP-E     | RAV-HM1401UTP-E     | RAV-HM1601UTP-E     |
|------------------------------|----------|-------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| Airflow (H/L)                | m³/h-l/s | 1.050/780-292/217 | 1.230/810-342/225 | 1.600/900-444/250 | 2.010/1.170-558/325 | 2.100/1.230-583/342 | 2.130/1.260-592/350 |
| Sound pressure level (H/M/L) | dB(A)    | 32-29-28          | 35-31-28          | 40-36-33          | 43-38-33            | 44-38-34            | 45-40-36            |
| Sound power level (H/M/L)    | dB(A)    | 47-44-43          | 50-46-43          | 55-51-48          | 58-53-48            | 59-53-49            | 60-55-51            |
| Dimensions (H×W×D)           | mm       | 256×840×840       | 256×840×840       | 319×840×840       | 319×840×840         | 319×840×840         | 319×840×840         |
| Weight                       | Kg       | 20                | 20                | 24                | 24                  | 24                  | 24                  |
| Panel dimensions (H×W×D)     | mm       | 30×950×950        | 30×950×950        | 30×950×950        | 30×950×950          | 30×950×950          | 30×950×950          |
| Panel weight                 | Kg       | 4                 | 4                 | 4                 | 4                   | 4                   | 4                   |

C = Cooling Mode      H = Heating Mode  
H-M-L = High-Medium-Low Speed







## COMPACT 4-WAY CASSETTE



Lineup  
1 > 2HP



Efficiency  
A++/A+++



Sound Pressure Level  
30 < 44dB(A)

## Efficiency was never this ideal!

The compact 4-way Cassette is ideal for small commercial applications where a compact efficient unit is needed.



### FEATURES



Compact and lightweight unit, easy to handle



Optional occupancy sensor for intelligent presence detection and energy savings



600x600 chassis dimension to fit within the T-bar of grid ceiling



Embedded drain pump for enhanced system reliability and simplified installation



Comfort oriented solution with customisable louvres position and 5-speed airflow



Available with black panel (optional)

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA WITH SUPER DIGITAL INVERTER

#### OUTDOOR UNIT

RAV-GP561ATW-E

#### INDOOR UNIT

RAV- HM561MUT-E

|                                   |       |   |                |
|-----------------------------------|-------|---|----------------|
| Cooling capacity                  | kW    |   | 5,00           |
| Cooling range (min.-max.)         | kW    |   | 1,20-5,60      |
| Power input (min.-rated-max.)     | kW    | C | 0,19-1,56-1,97 |
| EER                               |       |   | 3.21           |
| SEER                              |       |   | 6.27           |
| Energy efficiency class           |       | C | A++            |
| Seasonal electricity consumption  | kWh/a | C | 279            |
| Heating capacity                  | kW    |   | 5,60           |
| Heating range (min.-max.)         | kW    |   | 0,90-7,00      |
| Power input (min.-rated-max.)     | kW    | H | 0,16-1,60-2,36 |
| COP                               | W/W   |   | 3.50           |
| SCOP (average)                    |       |   | 4.32           |
| Energy efficiency class (average) |       | H | A+             |
| Seasonal electricity consumption  | kWh/a | H | 1.231          |

### PERFORMANCE DATA WITH DIGITAL INVERTER

#### OUTDOOR UNIT

RAV-GM301ATP-E

RAV-GM401ATP-E

RAV-GM561ATP-E1

#### INDOOR UNIT

RAV-HM301MUT-E

RAV-HM401MUT-E

RAV-HM561MUT-E

|                                   |       |   |                |                |                |
|-----------------------------------|-------|---|----------------|----------------|----------------|
| Cooling capacity                  | kW    |   | 2,50           | 3,60           | 5,00           |
| Cooling range (min.-max.)         | kW    |   | 0,90-3,00      | 0,90-4,00      | 1,50-5,60      |
| Power input (min.-rated-max.)     | kW    | C | 0,25-0,59-0,82 | 0,18-0,90-2,00 | 0,30-1,64-1,86 |
| EER                               |       |   | 4.24           | 4.00           | 3.05           |
| SEER                              |       |   | 5.94           | 5.76           | 6.10           |
| Energy efficiency class           |       | C | A+             | A+             | A++            |
| Seasonal electricity consumption  | kWh/a | C | 147            | 219            | 287            |
| Heating capacity                  | kW    |   | 3,40           | 4,00           | 5,30           |
| Heating range (min.-max.)         | kW    |   | 0,80-4,50      | 0,80-5,00      | 1,0-6,30       |
| Power input (min.-rated-max.)     | kW    | H | 0,17-0,76-1,40 | 0,14-0,95-1,70 | 0,30-1,47-2,40 |
| COP                               | W/W   |   | 4.47           | 4.201          | 3.61           |
| SCOP (average)                    |       |   | 4.70           | 4.44           | 4.37           |
| Energy efficiency class (average) |       | H | A++            | A+             | A+             |
| Seasonal electricity consumption  | kWh/a | H | 685            | 851            | 897            |

### PHYSICAL DATA INDOOR

#### INDOOR UNITS

RAV-HM301MUT-E

RAV-HM401MUT-E

RAV-HM561MUT-E

|                              |          |                 |                 |                 |
|------------------------------|----------|-----------------|-----------------|-----------------|
| Airflow (H/L)                | m³/h-l/s | 640/440-177/122 | 660/468-183/130 | 798/546-221/152 |
| Sound pressure level (H/M/L) | dB(A)    | 38-36-30        | 41-36-32        | 44-39-35        |
| Sound power level (H/M/L)    | dB(A)    | 53-51-45        | 56-51-47        | 59-54-50        |
| Dimensions (H×W×D)           | mm       | 256×575×575     | 256×575×575     | 256×575×575     |
| Weight                       | Kg       | 15              | 15              | 15              |
| Panel dimensions (H×W×D)     | mm       | 12×620×620      | 12×620×620      | 12×620×620      |
| Panel weight                 | Kg       | 2.50            | 2.50            | 2.50            |

C = Cooling Mode      H = Heating Mode  
H-M-L = High-Medium-Low speed





STANDARD  
DUCT



Lineup  
2 > 6HP



Efficiency  
A++/A+\*



Sound Pressure Level  
25 < 40dB(A)

Flexibility and comfort in any space

Whatever the shape of the room, this flexible unit ensures a uniform temperature and air distribution for optimal end user comfort.



FEATURES



Up to 150Pa available pressure thanks to the DC fan motor



Filter check function to determine if the filter needs to be cleaned



Flexible design with rear or underside inlet design



Embedded drain pump for enhanced system reliability and simplified installation



Noise level down to 25dB(A) for quiet operations



Spigots available as an option for quick duct network connection

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA WITH SUPER DIGITAL INVERTER

| OUTDOOR UNIT                      |       | RAV-GP801ATW-E   | RAV-GP1101AT-E  | RAV-GP1101AT8-E | RAV-GP1401AT-E1 | RAV-GP1401AT8-E1 | RAV-GP1601AT8-E |
|-----------------------------------|-------|------------------|-----------------|-----------------|-----------------|------------------|-----------------|
| INDOOR UNIT                       |       | RAV-HM801BTP-E   | RAV-HM1101BTP-E | RAV-HM1101BTP-E | RAV-HM1401BTP-E | RAV-HM1401BTP-E  | RAV-HM1601BTP-E |
| Cooling capacity                  | kW    | 7,10             | 10,00           | 10,00           | 12,50           | 12,50            | 14,00           |
| Cooling range (min.-max.)         | kW    | 1,90-8,00        | 3,10-12,00      | 2,60-12,00      | 3,10-14,00      | 2,60-14,00       | 2,60-16,00      |
| Power input (min.-rated-max.)     | kW    | C 0,26-1,63-3,20 | 0,65-2,40-3,63  | 0,66-2,58-4,01  | 0,65-3,57-3,97  | 0,66-3,81-4,89   | 0,66-4,49-6,50  |
| EER                               |       | 4.36             | 4.17            | 3.88            | 3.50            | 3.28             | 3.12            |
| SEER                              |       | 7.86             | 7.19            | 6.10            | 6.77            | 6.02             | 5.81            |
| Energy efficiency class           |       | C A++            | A++             | A+              | -               | -                | -               |
| Seasonal electricity consumption  | kWh/a | C 316            | 486             | 574             | 1.107           | 1.245            | 1.444           |
| Heating capacity                  | kW    | 8,00             | 11,20           | 11,20           | 14,00           | 14,00            | 16,00           |
| Heating range (min.-max.)         | kW    | 1,30-11,30       | 2,60-13,00      | 2,40-15,60      | 2,60-16,50      | 2,40-18,00       | 2,40-19,00      |
| Power input (min.-rated-max.)     | kW    | H 0,20-1,85-3,55 | 0,47-2,73-3,38  | 0,53-2,76-4,42  | 0,47-3,63-4,43  | 0,53-3,66-5,71   | 0,53-4,57-6,96  |
| COP                               | W/W   | 4.32             | 4.10            | 4.06            | 3.86            | 3.83             | 3.50            |
| SCOP (average)                    |       | 4.85             | 4.30            | 4.19            | 4.29            | 3.99             | 3.96            |
| Energy efficiency class (average) |       | H A++            | A+              | A+              | -               | -                | -               |
| Seasonal electricity consumption  | kWh/a | H 1.472          | 2.997           | 3.606           | 3.133           | 4.143            | 4.238           |

### PERFORMANCE DATA WITH DIGITAL INVERTER SERIES 1

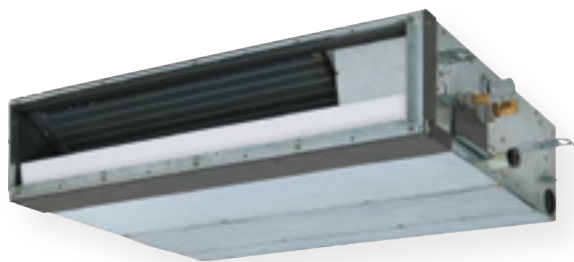
| OUTDOOR UNIT                      |       | RAV-GM561ATP-E1  | RAV-GM801ATP-E | RAV-GM901ATP-E | RAV-GM1101ATP-E | RAV-GM1101AT8P-E | RAV-GM1401ATP-E1 | RAV-GM1401AT8P-E1 | RAV-GM1601ATP-E | RAV-GM1601AT8P-E |
|-----------------------------------|-------|------------------|----------------|----------------|-----------------|------------------|------------------|-------------------|-----------------|------------------|
| INDOOR UNIT                       |       | RAV-HM561BTP-E   | RAV-HM801BTP-E | RAV-HM901BTP-E | RAV-HM1101BTP-E | RAV-HM1101BTP-E  | RAV-HM1401BTP-E  | RAV-HM1401BTP-E   | RAV-HM1601BTP-E | RAV-HM1601BTP-E  |
| Cooling capacity                  | kW    | 5,00             | 6,70           | 8,00           | 9,50            | 9,50             | 12,10            | 12,10             | 14,00           | 14,00            |
| Cooling range (min.-max.)         | kW    | 1,50-5,60        | 1,50-8,00      | 1,90-8,80      | 3,00-11,20      | 3,00-11,20       | 3,00-13,20       | 3,00-13,20        | 3,00-16,00      | 3,00-16,00       |
| Power input (min.-rated-max.)     | kW    | C 0,31-1,83-2,05 | 0,31-2,38-2,76 | 0,30-2,67-3,35 | 0,60-2,99-4,50  | 0,60-2,99-4,50   | 0,60-4,42-4,71   | 0,60-4,42-4,71    | 0,65-5,13-6,50  | 0,65-5,13-6,50   |
| EER                               |       | 2.73             | 2.82           | 3.00           | 3.18            | 3.18             | 2.74             | 2.74              | 2.73            | 2.73             |
| SEER                              |       | 5.39             | 5.20           | 6.10           | 5.28            | 5.28             | 5.36             | 5.36              | 5.30            | 5.30             |
| Energy efficiency class           |       | C A              | A              | A++            | A               | A                | -                | -                 | -               | -                |
| Seasonal electricity consumption  | kWh/a | C 325            | 451            | 459            | 629             | 629              | 1.354            | 1.354             | 1.584           | 1.584            |
| Heating capacity                  | kW    | 5,30             | 7,70           | 9,00           | 11,20           | 11,20            | 13,00            | 13,00             | 16,00           | 16,00            |
| Heating range (min.-max.)         | kW    | 1,50-6,30        | 1,50-9,00      | 1,60-9,90      | 3,00-13,00      | 3,00-13,00       | 3,00-16,00       | 3,00-16,00        | 3,00-18,00      | 3,00-18,00       |
| Power input (min.-rated-max.)     | kW    | H 0,31-1,62-2,47 | 0,31-2,32-3,18 | 0,30-2,65-3,25 | 0,60-2,99-4,00  | 0,60-2,99-4,00   | 0,60-3,60-4,55   | 0,60-3,60-4,55    | 0,65-4,69-5,80  | 0,65-4,69-5,80   |
| COP                               | W/W   | 3.27             | 3.32           | 3.40           | 3.75            | 3.75             | 3.61             | 3.61              | 3.41            | 3.41             |
| SCOP (average)                    |       | 4.08             | 4.13           | 4.60           | 4.19            | 4.19             | 4.19             | 4.19              | 3.90            | 3.90             |
| Energy efficiency class (average) |       | H A+             | A+             | A++            | A+              | A+               | -                | -                 | -               | -                |
| Seasonal electricity consumption  | kWh/a | H 960            | 1.728          | 1.917          | 2.537           | 2.537            | 2.537            | 2.537             | 2.872           | 2.872            |

### PHYSICAL DATA INDOOR

| INDOOR UNITS                                 |          | RAV-HM561BTP-E  | RAV-HM801BTP-E    | RAV-HM901BTP-E      | RAV-HM1101BTP-E     | RAV-HM1401BTP-E     | RAV-HM1601BTP-E     |
|----------------------------------------------|----------|-----------------|-------------------|---------------------|---------------------|---------------------|---------------------|
| Airflow (H/L)                                | m³/h-l/s | 800/480-222/133 | 1.200/750-333/208 | 1.700/1.000-472/278 | 2.100/1.260-583/350 | 2.100/1.260-583/350 | 2.100/1.260-583/350 |
| Sound pressure level (H/M/L)                 | dB(A)    | 33-29-25        | 34-30-26          | 37-33-30            | 40-36-33            | 40-36-33            | 40-36-33            |
| Sound power level (H/M/L)                    | dB(A)    | 55-51-46        | 55-51-46          | 60-55-51            | 63-58-54            | 63-58-54            | 63-58-54            |
| Dimensions (H×W×D)                           | mm       | 275×700×750     | 275×1.000×750     | 275×1.400×750       | 275×1.400×750       | 275×1.400×750       | 275×1.400×750       |
| Weight                                       | Kg       | 23              | 31                | 41                  | 41                  | 41                  | 41                  |
| External static pressure (stand/upper limit) | Pa       | 30/150          | 30/150            | 40/150              | 40/150              | 50/150              | 50/150              |

C = Cooling Mode      H = Heating Mode  
H-M-L = High-Medium-Low Speed  
\*bottom air inlet \ \*\*back air inlet





## SLIM DUCT



**SCOP max.**  
4.60



**Capacity**  
2,50kW-5,00kW



**Operation**  
-27°C/+52°C (SDI)  
-15°C/+46°C (DI)

## Slim, efficient and high performing

Whether installed in a ceiling void or in a false ceiling, Toshiba's slim duct offers the ultimate technology, with exceptional energy savings, high performance and easy installation.



## FEATURES



210mm height and 450mm depth compact chassis whatever the capacity



Noise level down to 26dB(A) for quiet operation



Static pressure can be set up to 50Pa directly on the duct or via a wired remote controller



Embedded drain pump for enhanced system reliability and simplified installation



## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA WITH SUPER DIGITAL INVERTER

#### OUTDOOR UNIT

RAV-GP561ATW-E

#### INDOOR UNIT

RAV-RM561SDT-E

|                                   |       |   |                |
|-----------------------------------|-------|---|----------------|
| Cooling capacity                  | kW    |   | 5,00           |
| Cooling range (min.-max.)         | kW    |   | 1,20-5,60      |
| Power input (min.-rated-max.)     | kW    | C | 0,19-1,56-1,98 |
| EER                               |       |   | 3.21           |
| SEER                              |       |   | 5.77           |
| Energy efficiency class           |       | C | A+             |
| Seasonal electricity consumption  | kWh/a | C | 303            |
| Heating capacity                  | kW    |   | 5,60           |
| Heating range (min.-max.)         | kW    |   | 0,90-7,00      |
| Power input (min.-rated-max.)     | kW    | H | 0,16-1,58-2,66 |
| COP                               | W/W   |   | 3.54           |
| SCOP (average)                    |       |   | 4.20           |
| Energy efficiency class (average) |       | H | A+             |
| Seasonal electricity consumption  | kWh/a | H | 1.266          |

### PERFORMANCE DATA WITH DIGITAL INVERTER

#### OUTDOOR UNIT

RAV-GM301ATP-E

RAV-GM401ATP-E

RAV-GM561ATP-E1

#### INDOOR UNIT

RAV- RM301SDT-E

RAV- RM401SDT-E

RAV-RM561SDT-E

|                                   |       |   |                |                |                |
|-----------------------------------|-------|---|----------------|----------------|----------------|
| Cooling capacity                  | kW    |   | 2,50           | 3,60           | 5,00           |
| Cooling range (min.-max.)         | kW    |   | 0,90-3,00      | 0,90-4,00      | 1,50-5,60      |
| Power input (min.-rated-max.)     | kW    | C | 0,25-0,56-0,82 | 0,18-0,93-2,00 | 0,32-1,91-2,75 |
| EER                               |       |   | 4.46           | 3.87           | 2.62           |
| SEER                              |       |   | 6.29           | 5.86           | 5.14           |
| Energy efficiency class           |       | C | A++            | A+             | A+             |
| Seasonal electricity consumption  | kWh/a | C | 129            | 215            | 340            |
| Heating capacity                  | kW    |   | 3,40           | 4,00           | 5,30           |
| Heating range (min.-max.)         | kW    |   | 0,80-4,50      | 0,80-5,00      | 1,50-6,30      |
| Power input (min.-rated-max.)     | kW    | H | 0,17-0,86-1,40 | 0,14-0,97-1,70 | 0,32-1,50-2,40 |
| COP                               | W/W   |   | 3.95           | 4.12           | 3.53           |
| SCOP (average)                    |       |   | 4.60           | 4.01           | 4.16           |
| Energy efficiency class (average) |       | H | A++            | A+             | A+             |
| Seasonal electricity consumption  | kWh/a | H | 907            | 1.337          | 1.517          |

### PHYSICAL DATA INDOOR

#### INDOOR UNITS

RAV- RM301SDT-E

RAV- RM401SDT-E

RAV-RM561SDT-E

|                                                 |          |                 |                 |                 |
|-------------------------------------------------|----------|-----------------|-----------------|-----------------|
| Airflow (H/L)                                   | m³/h-l/s | 660/480-183/133 | 690/522-191/145 | 780/582-216/161 |
| Sound pressure level (H/M/L)                    | dB(A)    | 39-36-33        | 39-36-33        | 45-40-36        |
| Sound power level (H/M/L)                       | dB(A)    | 51-48-44        | 52-48-44        | 55-53-48        |
| Dimensions (H×W×D)                              | mm       | 210×845×645     | 210×845×645     | 210×845×645     |
| Weight                                          | Kg       | 22              | 22              | 22              |
| External static pressure standard (Upper-Lower) | Pa       | 30 (45-5)       | 30 (45-5)       | 29 (44-4)       |

C = Cooling Mode    H = Heating Mode  
H-M-L = High-Medium-Low Speed





## HIGH STATIC DUCT



SCOP max.  
3.73



Capacity  
19,00kW-27,00kW



Operation  
-27°C/+46°C

## Impressive airflow, even in large spaces!

Toshiba's high static pressure ducts are specifically designed for large open spaces, due to their impressive airflow characteristics.



## FEATURES

### Comfort



- 3-speed DC fan motor provides the correct airflow, whilst maximizing energy savings
- Compatible with metal or textile duct

### Easy Installation



- Electronic components accessible from outside the unit
- Air filter and drain pump available as an option

### Adaptability



- Designed to be lightweight, making the installation process quick and easy
- With 7 step settings the static pressure of the system can range from 50 to 250Pa
- Up to 4,800 m<sup>3</sup>/h airflow to blow the air into large rooms

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA WITH BIG DI INVERTER

| OUTDOOR UNIT                      |       | RAV-GM2243AT8P-E |                 | RAV-GM2803AT8P-E |                 |
|-----------------------------------|-------|------------------|-----------------|------------------|-----------------|
| INDOOR UNIT                       |       | RAV-RM2241DTP-E2 |                 | RAV-RM2801DTP-E2 |                 |
| Cooling capacity                  | kW    |                  | 19,00           |                  | 22,50           |
| Cooling range (min.-max.)         | kW    |                  | 4,60-22,40      |                  | 4,60-25,00      |
| Power input (min.-rated-max.)     | kW    | C                | 1,27-5,35-9,05  |                  | 1,27-6,76-11,87 |
| EER                               |       |                  | 3.18            |                  | 2.75            |
| SEER                              |       |                  | 6.30            |                  | 5.50            |
| Energy efficiency class           |       | C                | TBD             |                  | TBD             |
| Seasonal electricity consumption  | kWh/a | C                | 1.809           |                  | 2.454           |
| Heating capacity                  | kW    |                  | 22,40           |                  | 24,00           |
| Heating range (min.-max.)         | kW    |                  | 4,60-25,00      |                  | 4,60-31,50      |
| Power input (min.-rated-max.)     | kW    | H                | 1,27-5,71-10,15 |                  | 1,27-7,52-13,83 |
| COP                               | W/W   |                  | 3.24            |                  | 3.15            |
| SCOP (average)                    |       |                  | 3.80            |                  | 3.70            |
| Energy efficiency class (average) |       | H                | TBD             |                  | TBD             |
| Seasonal electricity consumption  | kWh/a | H                | 4.200           |                  | 4.652           |

### PHYSICAL DATA INDOOR

| INDOOR UNITS                 |          | RAV-RM2241DTP-E2 |               | RAV-RM2801DTP-E2 |               |
|------------------------------|----------|------------------|---------------|------------------|---------------|
| Airflow (H/L)                | m³/h-l/s |                  | 3.800-1.055   |                  | 4.800-1.333   |
| Sound pressure level (H/M/L) | dB(A)    |                  | 44            |                  | 46            |
| Sound power level (H/M/L)    | dB(A)    |                  | 79            |                  | 81            |
| Dimensions (H×W×D)           | mm       |                  | 448×1.400×900 |                  | 448×1.400×900 |
| Weight                       | Kg       |                  | 97            |                  | 97            |
| Upper limit/middle/standard  | Pa       |                  | 250/150/50    |                  | 250/150/50    |

# FLOOR STANDING

**TOSHIBA**



**Lineup**  
2 > 6HP



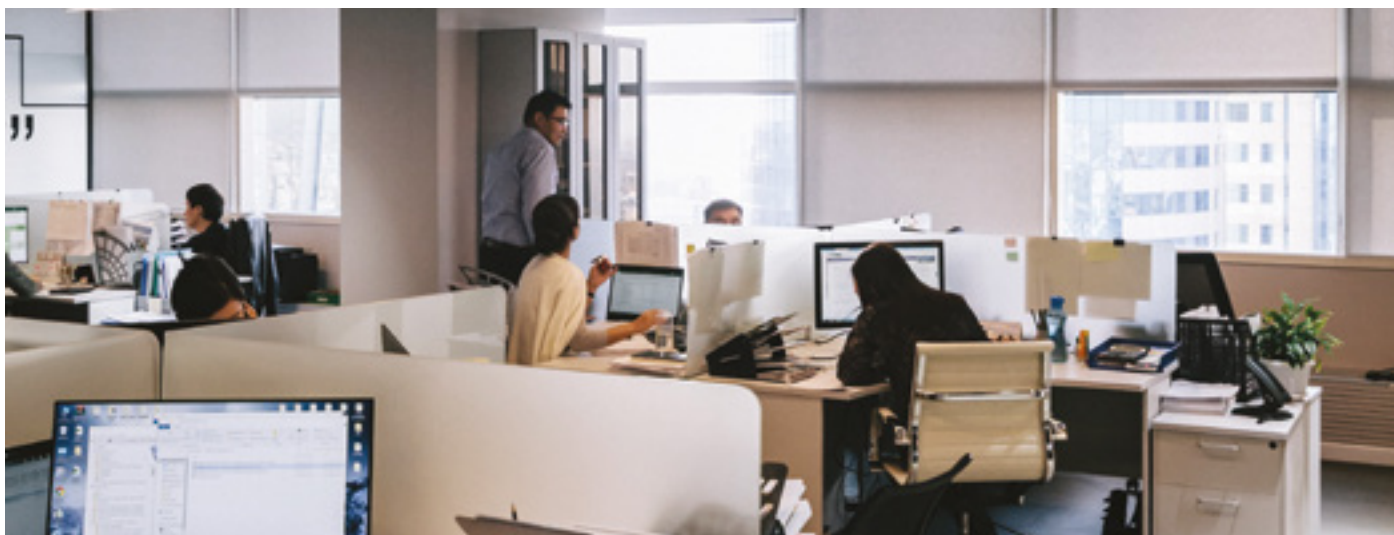
**Efficiency**  
A++/A+\*



**Sound Pressure Level**  
38 < 53dB(A)

## Heating & Cooling on easy mode!

Toshiba Floor Standing Unit combines airflow, wide air diffusion and simplified installation to cool and heat large rooms.



### FEATURES



#### Wide Adaptability

- Broad capacity lineup from 2 to 6HP
- Connectable in monosplit or twin mode



#### Easy Installation

- Directly positioned on the floor to simplify installation
- Plug and play product with embedded controller



#### Comfort

- Wide airflow to cool and heat large areas
- Horizontal and vertical louvres for optimum air distribution



Embedded R-32 leak detector for safety installations and compliance with the regulations or something similar. The R-32 leak detector of our competitors is as an option which almost nobody install them in order to save money!

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA WITH SUPER DIGITAL INVERTER SERIES 1

| OUTDOOR UNIT                      |       |   | RAV-GP561ATW-E | RAV-GP801ATW-E | RAV-GP1101AT-E | RAV-GP1101AT8-E | RAV-GP1401AT-E1 | RAV-GP1401AT8-E1 | RAV-GP1601AT8-E |
|-----------------------------------|-------|---|----------------|----------------|----------------|-----------------|-----------------|------------------|-----------------|
| INDOOR UNIT                       |       |   | RAV-HM561FT-E  | RAV-HM801FT-E  | RAV-HM1101FT-E | RAV-HM1101FT-E  | RAV-HM1401FT-E  | RAV-HM1401FT-E   | RAV-HM1601FT-E  |
| Cooling capacity                  | kW    |   | 5,00           | 7,10           | 10,00          | 10,00           | 12,30           | 12,50            | 14,00           |
| Cooling range (min.-max.)         | kW    |   | 1,20-5,60      | 1,90-8,00      | 3,10-12,00     | 2,60-12,00      | 3,10-14,00      | 2,60-14,00       | 2,60-16,00      |
| Power input (min.-rated-max.)     | kW    | C | 0,19-1,42-2,00 | 0,26-2,04-3,32 | 0,60-2,39-3,65 | 0,66-2,46-4,10  | 0,60-3,78-4,07  | 0,66-3,61-4,91   | 0,66-4,39-6,50  |
| EER                               |       |   | 3.51           | 3.48           | 4.18           | 4.07            | 3.25            | 3.46             | 3.19            |
| SEER                              |       |   | 5.87           | 6.43           | 6.99           | 6.14            | 6.49            | 6.10             | 5.88            |
| Energy efficiency class           |       | C | A+             | A++            | A++            | A++             | -               | -                | -               |
| Seasonal electricity consumption  | kWh/a | C | 298            | 386            | 500            | 570             | 1.137           | 1.229            | 1.428           |
| Heating capacity                  | kW    |   | 5,60           | 8,00           | 11,20          | 11,20           | 13,20           | 14,00            | 16,00           |
| Heating range (min.-max.)         | kW    |   | 0,90-7,00      | 1,30-11,30     | 2,60-13,00     | 2,40-14,00      | 2,60-16,50      | 2,40-18,00       | 2,40-19,00      |
| Power input (min.-rated-max.)     | kW    | H | 0,16-1,65-2,80 | 0,20-2,37-3,75 | 0,42-2,76-3,85 | 0,53-2,77-4,80  | 0,42-4,40-4,61  | 0,53-3,81-5,95   | 0,53-4,83-6,96  |
| COP                               | W/W   |   | 3.39           | 3.38           | 4.06           | 4.04            | 3.00            | 3.67             | 3.31            |
| SCOP (average)                    |       |   | 4.21           | 4.43           | 4.40           | 4.02            | 4.38            | 4.02             | 3.98            |
| Energy efficiency class (average) |       | H | A+             | A+             | A+             | A+              | -               | -                | -               |
| Seasonal electricity consumption  | kWh/a | H | 1.262          | 1.610          | 2.922          | 3.752           | 3.062           | 4.103            | 4.212           |

### PERFORMANCE DATA WITH DIGITAL INVERTER

| OUTDOOR UNIT                      |       |   | RAV-GM561ATP-E1 | RAV-GM801ATP-E | RAV-GM1101ATP-E | RAV-GM1101AT8P-E | RAV-GM1401ATP-E1 | RAV-GM1401AT8P-E1 |
|-----------------------------------|-------|---|-----------------|----------------|-----------------|------------------|------------------|-------------------|
| INDOOR UNIT                       |       |   | RAV-HM561FT-E   | RAV-HM801FT-E  | RAV-HM1101FT-E  | RAV-HM1101FT-E   | RAV-HM1401FT-E   | RAV-HM1401FT-E    |
| Cooling capacity                  | kW    |   | 5,00            | 6,70           | 9,50            | 9,50             | 12,10            | 12,10             |
| Cooling range (min.-max.)         | kW    |   | 1,50-5,60       | 1,50-7,40      | 3,00-11,20      | 3,00-11,20       | 3,00-13,20       | 3,00-13,20        |
| Power input (min.-rated-max.)     | kW    | C | 0,30-1,79-2,34  | 0,31-3,18-3,31 | 0,60-3,06-4,30  | 0,60-3,06-4,30   | 0,60-4,71-4,83   | 0,60-4,71-4,83    |
| EER                               |       |   | 2.79            | 2.11           | 3.10            | 3.10             | 2.57             | 2.57              |
| SEER                              |       |   | 5.25            | 4.89           | 5.16            | 5.16             | 4.86             | 4.86              |
| Energy efficiency class           |       | C | A               | B              | A               | A                | -                | -                 |
| Seasonal electricity consumption  | kWh/a | C | 333             | 479            | 644             | 644              | 1.492            | 1.492             |
| Heating capacity                  | kW    |   | 5,30            | 7,70           | 11,20           | 11,20            | 13,00            | 13,00             |
| Heating range (min.-max.)         | kW    |   | 1,50-6,30       | 1,50-9,00      | 3,00-13,00      | 3,00-13,00       | 3,00-16,00       | 3,00-16,00        |
| Power input (min.-rated-max.)     | kW    | H | 0,30-1,72-2,47  | 0,31-3,20-3,45 | 0,60-3,19-4,50  | 0,60-3,19-4,50   | 0,60-4,01-4,80   | 0,60-4,01-4,80    |
| COP                               | W/W   |   | 3.08            | 2.41           | 3.51            | 3.51             | 3.24             | 3.24              |
| SCOP (average)                    |       |   | 4.00            | 3.81           | 3.92            | 3.92             | 3.90             | 3.90              |
| Energy efficiency class (average) |       | H | A+              | A              | A               | A                | -                | -                 |
| Seasonal electricity consumption  | kWh/a | H | 980             | 1.727          | 2.711           | 2.711            | 2.727            | 2.727             |

### PHYSICAL DATA INDOOR

| INDOOR UNITS                 |          |  | RAV-HM561FT-E   | RAV-HM801FT-E   | RAV-HM901FT-E     | RAV-HM1101FT-E      | RAV-HM1401FT-E      | RAV-HM1601FT-E      |
|------------------------------|----------|--|-----------------|-----------------|-------------------|---------------------|---------------------|---------------------|
| Airflow (H/L)                | m³/h-l/s |  | 820/600-228/167 | 930/640-258/178 | 1.330/820-368/228 | 1.660/1.170-461/325 | 1.760/1.350-489/375 | 1.760/1.350-489/375 |
| Sound pressure level (H/M/L) | dB(A)    |  | 46-42-38        | 50-45-41        | 45-40-37          | 51-46-41            | 53-48-45            | 53-48-45            |
| Sound power level (H/M/L)    | dB(A)    |  | 60-56-52        | 64-60-54        | 59-54-51          | 65-61-55            | 67-62-59            | 67-62-59            |
| Dimensions (H×W×D)           | mm       |  | 1.750×600×210   | 1.750×600×210   | 1.750×600×390     | 1.750×600×390       | 1.750×600×390       | 1.750×600×390       |
| Weight                       | Kg       |  | 44              | 45              | 59                | 59                  | 59                  | 59                  |

C = Cooling Mode      H = Heating Mode  
H-M-L = High-Medium-Low Speed







**Lineup**  
1.5 > 6HP



**Efficiency**  
A++/A++<sup>+</sup>



**Sound Pressure Level**  
28 < 46dB(A)

## Simplicity made for comfort

The simple, yet elegant design creates a pleasant and relaxing environment, quickly conditioning the room air to the desired temperature.



### FEATURES



Automatic louvre control for year-round comfort and efficiency



Anti-bacterial drain point available as an option



High diameter fan and DC motor for low sound levels



Low noise levels, thanks to high diameter fan and DC motor



Self-cleaning function to keep the airflow constant and fresh for reduced service frequency



This design, represents the best possible solution, where there is a lack of space or absence of a ceiling

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA WITH SUPER DIGITAL INVERTER

| OUTDOOR UNIT                      |       | RAV-GP561ATW-E   | RAV-GP801ATW-E | RAV-GP1101AT-E  | RAV-GP1101AT8-E | RAV-GP1401AT-E1 | RAV-GP1401AT8-E1 | RAV-GP1601AT8-E |
|-----------------------------------|-------|------------------|----------------|-----------------|-----------------|-----------------|------------------|-----------------|
| INDOOR UNIT                       |       | RAV-HM561CTP-E   | RAV-HM801CTP-E | RAV-HM1101CTP-E | RAV-HM1101CTP-E | RAV-HM1401CTP-E | RAV-HM1401CTP-E  | RAV-HM1601CTP-E |
| Cooling capacity                  | kW    | 5,00             | 7,10           | 10,00           | 10,00           | 12,50           | 12,50            | 14,00           |
| Cooling range (min.-max.)         | kW    | 1,20-5,60        | 1,90-8,00      | 3,10-12,00      | 2,60-12,00      | 3,10-14,00      | 2,60-14,00       | 2,60-16,00      |
| Power input (min.-rated-max.)     | kW    | C 0,19-1,37-1,98 | 0,26-1,60-3,17 | 0,55-2,23-3,45  | 0,66-2,56-3,81  | 0,55-3,58-3,97  | 0,66-3,68-4,85   | 0,66-4,60-6,33  |
| EER                               |       | 3.65             | 4.44           | 4.48            | 3.91            | 3.49            | 3.40             | 3.04            |
| SEER                              |       | 6.93             | 8.35           | 8.58            | 6.80            | 7.99            | 6.60             | 6.24            |
| Energy efficiency class           | C     | A++              | A++            | A+++            | A++             | -               | -                | -               |
| Seasonal electricity consumption  | kWh/a | C 253            | 298            | 408             | 515             | 939             | 1.137            | 1.347           |
| Heating capacity                  | kW    | 5,60             | 8,00           | 11,20           | 11,20           | 14,00           | 14,00            | 16,00           |
| Heating range (min.-max.)         | kW    | 0,90-7,40        | 1,30-11,30     | 2,60-13,00      | 2,40-14,00      | 2,60-16,50      | 2,40-18,00       | 2,40-19,00      |
| Power input (min.-rated-max.)     | kW    | H 0,16-1,39-2,67 | 0,20-1,80-3,50 | 0,41-2,38-3,09  | 0,53-2,51-4,26  | 0,41-3,59-4,40  | 0,53-3,48-5,95   | 0,53-4,30-6,96  |
| COP                               | W/W   | 4.03             | 4.44           | 4.71            | 4.46            | 3.90            | 4.02             | 3.72            |
| SCOP (average)                    |       | 4.73             | 5.10           | 4.75            | 4.23            | 4.74            | 4.22             | 4.21            |
| Energy efficiency class (average) | H     | A++              | A++            | A++             | A+              | -               | -                | -               |
| Seasonal electricity consumption  | kWh/a | H 1.125          | 1.401          | 2.712           | 3.842           | 2.838           | 3.916            | 3.988           |

### PERFORMANCE DATA WITH DIGITAL INVERTER

| OUTDOOR UNIT                      |       | RAV-GM401ATP-E1  | RAV-GM561ATP-E1 | RAV-GM801ATP-E | RAV-GM901ATP-E | RAV-GM1101ATP-E | RAV-GM1101AT8P-E | RAV-GM1401ATP-E1 | RAV-GM1401AT8P-E1 | RAV-GM1601ATP-E | RAV-GM1601AT8P-E |
|-----------------------------------|-------|------------------|-----------------|----------------|----------------|-----------------|------------------|------------------|-------------------|-----------------|------------------|
| INDOOR UNIT                       |       | RAV-HM401CTP-E   | RAV-HM561CTP-E  | RAV-HM801CTP-E | RAV-HM901CTP-E | RAV-HM1101CTP-E | RAV-HM1101CTP-E  | RAV-HM1401CTP-E  | RAV-HM1401CTP-E   | RAV-HM1601CTP-E | RAV-HM1601CTP-E  |
| Cooling capacity                  | kW    | 3,60             | 5,00            | 6,90           | 8,00           | 9,50            | 9,50             | 12,10            | 12,10             | 14,00           | 14,00            |
| Cooling range (min.-max.)         | kW    | 0,90-4,00        | 1,50-5,60       | 1,50-7,40      | 1,90-8,80      | 3,00-11,20      | 3,00-11,20       | 3,00-13,20       | 3,00-13,20        | 3,00-16,00      | 3,00-16,00       |
| Power input (min.-rated-max.)     | kW    | C 0,18-0,83-2,00 | 0,29-1,61-1,95  | 0,29-2,38-2,76 | 0,30-2,58-3,23 | 0,60-2,95-4,10  | 0,60-2,95-4,10   | 0,60-4,42-4,71   | 0,60-4,42-4,71    | 0,65-4,65-6,33  | 0,65-4,65-6,33   |
| EER                               |       | 4.34             | 3.11            | 2.90           | 3.10           | 3.22            | 3.22             | 2.74             | 2.74              | 3.01            | 3.01             |
| SEER                              |       | 6.34             | 5.50            | 5.62           | 6.10           | 5.86            | 5.86             | 5.36             | 5.36              | 5.90            | 5.90             |
| Energy efficiency class           | C     | A++              | A               | A+             | A++            | A+              | A+               | -                | -                 | -               | -                |
| Seasonal electricity consumption  | kWh/a | C 199            | 318             | 429            | 459            | 567             | 567              | 1.354            | 1.354             | 1.424           | 1.423            |
| Heating capacity                  | kW    | 4,00             | 5,30            | 7,70           | 9,00           | 11,20           | 11,20            | 13,00            | 13,00             | 16,00           | 16,00            |
| Heating range (min.-max.)         | kW    | 0,80-5,00        | 1,50-6,30       | 1,50-9,00      | 1,60-9,90      | 3,00-13,00      | 3,00-13,00       | 3,00-16,00       | 3,00-16,00        | 3,00-18,00      | 3,00-18,00       |
| Power input (min.-rated-max.)     | kW    | H 0,14-0,78-1,70 | 0,29-1,36-2,40  | 0,29-2,13-3,20 | 0,60-2,65-3,25 | 0,60-2,94-4,10  | 0,60-2,94-4,10   | 0,60-3,48-4,60   | 0,60-3,48-4,60    | 0,65-4,61-5,75  | 0,65-4,61-5,75   |
| COP                               | W/W   | 5.13             | 3.90            | 3.62           | 3.40           | 3.81            | 3.81             | 3.74             | 3.74              | 3.47            | 3.47             |
| SCOP (average)                    |       | 5.10             | 4.32            | 4.21           | 4.60           | 4.27            | 4.27             | 4.19             | 4.19              | 4.10            | 4.10             |
| Energy efficiency class (average) | H     | A+++             | A+              | A+             | A++            | A+              | A+               | -                | -                 | -               | -                |
| Seasonal electricity consumption  | kWh/a | H 741            | 908             | 1.697          | 1.917          | 2.490           | 2.490            | 2.538            | 2.538             | 2.732           | 2.732            |

### PHYSICAL DATA INDOOR

| INDOOR UNITS                 |          | RAV-HM401CTP-E  | RAV-HM561CTP-E  | RAV-HM801CTP-E    | RAV-HM901CTP-E    | RAV-HM1101CTP-E     | RAV-HM1401CTP-E     | RAV-HM1601CTP-E     |
|------------------------------|----------|-----------------|-----------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| Airflow (H/L)                | m³/h-l/s | 900/540-250/150 | 900/540-250/150 | 1.410/750-392/208 | 1.600/900-444/250 | 1.860/1.020-517/283 | 2.040/1.200-567/333 | 2.040/1.200-567/333 |
| Sound pressure level (H/M/L) | dB(A)    | 37-35-28        | 37-35-28        | 41-36-29          | 42-38-30          | 44-38-32            | 46-41-35            | 46-42-36            |
| Sound power level (H/M/L)    | dB(A)    | 52-50-43        | 52-50-43        | 56-51-44          | 57-53-45          | 59-53-47            | 61-56-50            | 61-57-51            |
| Dimensions (H×W×D)           | mm       | 235×950×690     | 235×950×690     | 235×1.270×690     | 235×1.586×690     | 235×1.586×690       | 235×1.586×690       | 235×1.586×690       |
| Weight                       | Kg       | 23              | 23              | 29                | 37                | 37                  | 37                  | 37                  |

C = Cooling Mode      H = Heating Mode  
H-M-L = High-Medium-Low speed



RM\_KRTP  
HI-WALL



Lineup  
1 > 4HP



Efficiency  
A++/A+



Sound Pressure Level  
29 < 49dB(A)

Quite, compact, perfect  
for any commercial space!

Compact, quiet with an attractive design, this Hi-Wall is suitable for every kind of project in new construction or refurbishment.



FEATURES



Auto louvre mode for optimum and uniform air distribution



Self-cleaning feature to prevent the formation of mould on the heat exchanger coils



Wireless remote control with accessible pre-set functions and dedicated buttons: Hi-Power, Quiet and Comfort Sleep



The Toshiba Ultra Pure filter (as an option) captures up to 94% of PM2.5, creating healthy working spaces

## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA / SUPER DIGITAL INVERTER

| OUTDOOR UNIT                      |       | RAV-GP561ATW-E  |                | RAV-GP801ATW-E  |                | RAV-GP1101AT-E   |                | RAV-GP1101AT8-E  |            |
|-----------------------------------|-------|-----------------|----------------|-----------------|----------------|------------------|----------------|------------------|------------|
| INDOOR UNIT                       |       | RAV-HM561KRTP-E |                | RAV-HM801KRTP-E |                | RAV-HM1101KRTP-E |                | RAV-HM1101KRTP-E |            |
| Cooling capacity                  | kW    |                 | 5,00           |                 | 7,10           |                  | 10,00          |                  | 10,00      |
| Cooling range (min.-max.)         | kW    |                 | 1,20-5,60      |                 | 1,90-8,00      |                  | 3,10-12,00     |                  | 2,60-12,00 |
| Power input (min.-rated-max.)     | kW    | C               | 0,19-1,43-1,98 |                 | 0,26-2,06-3,17 |                  | 0,55-2,77-3,90 |                  | 2,86       |
| EER                               |       |                 | 3.50           |                 | 3.45           |                  | 3.61           |                  | 3.50       |
| SEER                              |       |                 | 7.84           |                 | 7.56           |                  | 7.36           |                  | 6.53       |
| Energy efficiency class           |       | C               | A++            |                 | A++            |                  | A++            |                  | A++        |
| Seasonal electricity consumption  | kWH/a | C               | 223            |                 | 329            |                  | 475            |                  | 536        |
| Heating capacity                  | kW    |                 | 5,60           |                 | 8,00           |                  | 11,20          |                  | 11,20      |
| Heating range (min.-max.)         | kW    |                 | 0,90-7,30      |                 | 1,30-11,30     |                  | 2,60-13,00     |                  | 2,40-13,00 |
| Power input (min.-rated-max.)     | kW    | H               | 0,16-1,39-2,67 |                 | 0,20-2,25-3,50 |                  | 0,52-3,13-4,40 |                  | 3,25       |
| COP                               | W/W   |                 | 4.03           |                 | 3.56           |                  | 3.58           |                  | 3.45       |
| SCOP (average)                    |       |                 | 4.19           |                 | 4.16           |                  | 4.42           |                  | 4.22       |
| Energy efficiency class (average) |       | H               | A+             |                 | A+             |                  | A+             |                  | A+         |
| Seasonal electricity consumption  | kWH/a | H               | 1.268          |                 | 1.717          |                  | 2.911          |                  | 3.591      |

### PERFORMANCE DATA / DIGITAL INVERTER

| OUTDOOR UNIT                      |       | RAV-GM301ATP-E  |                | RAV-GM401ATP-E  |                | RAV-GM561ATP-E1 |                | RAV-GM801ATP-E  |                | RAV-GM901ATP-E  |           | RAV-GM1101ATP-E  |                | RAV-GM1101AT8P-E |                |
|-----------------------------------|-------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|-----------|------------------|----------------|------------------|----------------|
| INDOOR UNIT                       |       | RAV-HM301KRTP-E |                | RAV-HM401KRTP-E |                | RAV-HM561KRTP-E |                | RAV-HM801KRTP-E |                | RAV-HM901KRTP-E |           | RAV-HM1101KRTP-E |                | RAV-HM1101KRTP-E |                |
| Cooling capacity                  | kW    |                 | 2,50           |                 | 3,60           |                 | 5,00           |                 | 6,70           |                 | 8,00      |                  | 9,50           |                  | 9,50           |
| Cooling range (min.-max.)         | kW    |                 | 0,90-3,00      |                 | 0,90-4,00      |                 | 1,50-5,60      |                 | 1,50-8,00      |                 | 1,90-8,80 |                  | 3,00-11,20     |                  | 3,00-11,20     |
| Power input (min.-rated-max.)     | kW    | C               | 0,25-0,61-0,82 |                 | 0,18-1,13-2,00 |                 | 0,30-1,66-1,86 |                 | 0,31-2,44-2,85 |                 | 2,67      |                  | 0,60-2,97-4,30 |                  | 0,60-2,97-4,30 |
| EER                               |       |                 | 4.10           |                 | 3.19           |                 | 3.01           |                 | 2.75           |                 | 3.00      |                  | 3.20           |                  | 3.20           |
| SEER                              |       |                 | 6.36           |                 | 6.12           |                 | 6.31           |                 | 5.73           |                 | 6.10      |                  | 6.10           |                  | 6.10           |
| Energy efficiency class           |       | C               | A++            |                 | A++            |                 | A++            |                 | A+             |                 | A++       |                  | A++            |                  | A++            |
| Seasonal electricity consumption  | kWH/a | C               | 138            |                 | 206            |                 | 277            |                 | 409            |                 | 459       |                  | 545            |                  | 545            |
| Heating capacity                  | kW    |                 | 3,40           |                 | 4,00           |                 | 5,30           |                 | 7,70           |                 | 9,00      |                  | 11,20          |                  | 11,20          |
| Heating range (min.-max.)         | kW    |                 | 0,80-4,50      |                 | 0,80-5,00      |                 | 1,50-6,30      |                 | 1,50-9,00      |                 | 1,60-9,90 |                  | 3,00-13,00     |                  | 3,00-13,00     |
| Power input (min.-rated-max.)     | kW    | H               | 0,17-0,85-1,40 |                 | 0,14-1,12-1,70 |                 | 0,30-1,55-2,40 |                 | 0,31-2,61-3,30 |                 | 2,90      |                  | 0,60-3,47-4,70 |                  | 0,60-3,47-4,70 |
| COP                               | W/W   |                 | 4.00           |                 | 3.57           |                 | 3.42           |                 | 2.95           |                 | 3.10      |                  | 3.23           |                  | 3.23           |
| SCOP (average)                    |       |                 | 4.10           |                 | 4.22           |                 | 4.00           |                 | 4.01           |                 | 4.10      |                  | 4.20           |                  | 4.20           |
| Energy efficiency class (average) |       | H               | A+             |                 | A+             |                 | A+             |                 | A+             |                 | A+        |                  | A+             |                  | A+             |
| Seasonal electricity consumption  | kWH/a | H               | 887            |                 | 895            |                 | 980            |                 | 1.780          |                 | 2.151     |                  | 2.665          |                  | 2.664          |

### PHYSICAL DATA INDOOR

| INDOOR UNITS                 |          | RAV-HM301KRTP-E |                 | RAV-HM401KRTP-E |                 | RAV-HM561KRTP-E |                 | RAV-HM801KRTP-E |                   | RAV-HM901KRTP-E |                   | RAV-HM1101KRTP-E |                     |
|------------------------------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|-------------------|------------------|---------------------|
| Airflow (H/L)                | m³/h-l/s | C               | 670/450-186/125 |                 | 700/450-194/125 |                 | 960/680-267/189 |                 | 1.040/680-289/189 |                 | 1.180/680-328/189 |                  | 1.610/1.180-447/328 |
| Sound pressure level (H/M/L) | dB(A)    | C               | 40-34-29        |                 | 41-36-30        |                 | 42-39-35        |                 | 45-41-35          |                 | 47-41-35          |                  | 49-45-41            |
| Sound power level (H/M/L)    | dB(A)    | C               | 55-49-44        |                 | 56-51-45        |                 | 57-54-50        |                 | 60-56-50          |                 | 62-56-50          |                  | 64-60-56            |
| Dimensions (H×W×D)           | mm       |                 | 293×798×230     |                 | 293×798×230     |                 | 320×1.050×250   |                 | 320×1.050×250     |                 | 320×1.050×250     |                  | 350×1.200×280       |
| Weight                       | Kg       |                 | 10              |                 | 10              |                 | 14              |                 | 14                |                 | 14                |                  | 19                  |

C = Cooling Mode    H = Heating Mode  
H-M-L = High-Medium-Low Speed





## RAV-DXC STANDARD DX KIT



**Max. airflow**  
Up to 5.040 m<sup>3</sup>/h



**Capacity**  
4,10kW-27,00kW



**Operation**  
-27°C/+52°C

## Compatibility made easier!

The DX Kit enables connection of a third-party air handling unit (with DX coil) to Toshiba LC outdoor units.



## FEATURES



### Flexibility

- Compatible with the majority of air handling units with a DX coil fitted inside (capacity ranges from 4,6 to 27kW)
- Can operate in both heating and cooling modes, depending on end user requirements



### Control

- Control achieved using a standard Toshiba remote controller
- Algorithm based on air suction temperature



### Easy to Install & Maintain

- Capacity set by DN code adjustment during installation
- Extended 5 meters sensor leads pre-fitted to improve installation time and flexibility
- Relay isolated inputs to prevent accidental wiring errors, damaging the PCB



## TECHNICAL CHARACTERISTICS

### PERFORMANCE DATA / DIGITAL INVERTER

|                                          |      | DXC010<br>2 HP                    | DXC010<br>3 HP                   | DXC010<br>4 HP                       | DXC010<br>5 HP                         | DXC010<br>6 HP                     | DXC010<br>8 HP    | DXC010<br>10 HP   |
|------------------------------------------|------|-----------------------------------|----------------------------------|--------------------------------------|----------------------------------------|------------------------------------|-------------------|-------------------|
| OUTDOOR UNIT                             |      | RAV-GM561ATP-E1<br>RAV-GP561ATW-E | RAV-GM801ATP-E<br>RAV-GP801ATW-E | RAV-GM1101ATP-E<br>RAV-GP1101AT(8)-E | RAV-GM1401ATP-E1<br>RAV-GP1401AT(8)-E1 | RAV-GM1601ATP-E<br>RAV-GP1601AT8-E | RAV-GM2243AT8P-E  | RAV-GM2803AT8P-E  |
| Cooling capacity<br>(min-rated*-max) DI  | kW   | 4,10-5,30-5,60                    | 5,40-7,10-7,40                   | 7,20-10,00-11,20                     | 10,10-12,50-13,20                      | 12,60-14,00-16,00                  | 14,10-20,0-22,40  | 20,10-23,00-27,00 |
| Cooling capacity<br>(min-rated*-max) SDI | kW   | 4,10-5,30-5,60                    | 5,40-7,10-8,00                   | 7,20-10,00-12,00                     | 10,10-12,50-14,00                      | -                                  | -                 | -                 |
| Heating capacity<br>(min-rated*-max) DI  | kW   | 4,60-5,60-6,30                    | 7,50-8,00-9,00                   | 8,10-11,20-12,50                     | 11,30-14,00-16,00                      | 14,10-16,00-19,00                  | 16,10-22,40-25,00 | 22,50-27,00-31,50 |
| Heating capacity<br>(min-rated*-max) SDI | kW   | 4,60-5,60-7,40                    | 7,50-8,00-10,60                  | 8,10-11,20-13,00                     | 11,30-14,00-16,50                      | -                                  | -                 | -                 |
| AHU Air Volume<br>(min-rated*-max)       | m³/h | 720-900-1.080                     | 1.060-1.320-1.580                | 1.280-1.600-1.920                    | 1.680-2.100-2.520                      | 1.850-2.800-3.740                  | 2.880-3.600-4.320 | 3.360-4.200-5.040 |
| Coil Internal Volume<br>(min-max)        | dm³  | 0.80-1.10                         | 1-1.40                           | 1.50-2.10                            | 1.70-2.70                              | 1.70-3.20                          | 3-4.20            | 3-5.40            |

### PHYSICAL DATA

| DX CONTROLLER UNIT                              |         | DXC010            |
|-------------------------------------------------|---------|-------------------|
| Dimensions (H×W×D)                              | mm      | 400×300×150       |
| Weight                                          | Kg      | 10                |
| Operating range - Cooling coil<br>"Air on" temp | °C      | 15°C WB + 24°C WB |
| Operating range - Heating coil<br>"Air on" temp | °C      | 15°C DB + 28°C DB |
| Power supply                                    | V/Hz/Ph | 220-240/50/1      |





## RBC-DXC 0-10V DX KIT



**Max. airflow**  
Up to 5.040 m<sup>3</sup>/h



**Capacity**  
3,60kW - 14,00kW



**Operation**  
-27°C/+52°C

## Always connected!

The DX Kit enables connection and control of Toshiba LC outdoor units to a third-party air handling unit (with DX coil).



## FEATURES



### Flexibility

- Compatible with the majority of air handling units with a DX coil fitted inside (capacity ranges from 4,6 to 27kW)

Airflow rate from 480 to 5.040m<sup>3</sup>/h



### Control

- Capacity control and selection mode of the Toshiba outdoor unit directly from the AHU controller through a 0-10V signal



### Easy to Install & Maintain

- Capacity set by DN code during installation
- Extended 5 meters sensor leads pre-fitted to improve installation time and flexibility
- Relay isolated inputs to prevent accidental wiring errors, damaging the PCB

## TECHNICAL CHARACTERISTICS

### CAPACITY TABLE

| LC / VRF DX COIL<br>CONTROLLER UNIT<br>DX PMV VALVE UNIT |    | DXC031         | DXC031         | DXC031         | DXC031    | DXC031         | DXC031         | DXC031         | DXC031         | DXC031     |
|----------------------------------------------------------|----|----------------|----------------|----------------|-----------|----------------|----------------|----------------|----------------|------------|
| Cooling Capacity                                         | kW | 3,60           | 5,00           | 6,90           | 8,00      | 9,50           | 9,50           | 12,10          | 12,10          | 14,00      |
| Heating Capacity                                         | kW | 0,90-4,00      | 1,50-5,60      | 1,50-8,00      | 1,90-8,80 | 3,00-11,20     | 3,00-11,20     | 3,00-13,20     | 3,00-13,20     | 3,00-16,00 |
| Power Code                                               | kW | 0,18-0,83-2,00 | 0,29-1,61-1,95 | 0,29-2,38-2,76 | 2,58      | 0,60-2,95-4,10 | 0,60-2,95-4,10 | 0,60-4,42-4,71 | 0,60-4,42-4,71 | 4,65       |

### PHYSICAL DATA

| LC / VRF DX COIL<br>CONTROLLER UNIT                                          |       | DXC031             | DXC031             | DXC031              | DXC031             | DXC031              | DXC031              | DXC031              | DXC031              | DXC031              |
|------------------------------------------------------------------------------|-------|--------------------|--------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Minimum airflow rate                                                         | m³/h  | 480                | 522                | 720                 | 1.060              | 1.280               | 1.680               | 2.080               | 2.880               | 3.360               |
| Maximum airflow rate                                                         | m³/h  | 660                | 690                | 1.080               | 1.580              | 1.920               | 2.520               | 3.360               | 4.320               | 5.040               |
| Dimensions (H×W×D)                                                           | mm    | 400×300×150        | 400×300×150        | 400×300×150         | 400×300×150        | 400×300×150         | 400×300×150         | 400×300×150         | 400×300×150         | 400×300×150         |
| Weight                                                                       | Kg    | 8                  | 8                  | 8                   | 8                  | 8                   | 8                   | 8                   | 8                   | 8                   |
| Cable Max Length<br>(Analogue Input)<br>(Screened cable: 0.5-1.0<br>mm²)     | m     | 200                | 200                | 200                 | 200                | 200                 | 200                 | 200                 | 200                 | 200                 |
| Cable Max Length<br>(Digital Input)<br>(Non screened cable: 1.5-2.5<br>mm²)  | m     | 100                | 100                | 100                 | 100                | 100                 | 100                 | 100                 | 100                 | 100                 |
| Cable Max Length<br>(Digital Output)<br>(Non screened cable: 1.5-2.5<br>mm²) | m     | 500                | 500                | 500                 | 500                | 500                 | 500                 | 500                 | 500                 | 500                 |
| Cable Max Length<br>(TCC Link)<br>(Non screened cable: 0.5<br>mm²)           | m     | 500                | 500                | 500                 | 500                | 500                 | 500                 | 500                 | 500                 | 500                 |
| Standard Rating                                                              | IP    | 65                 | 65                 | 65                  | 65                 | 65                  | 65                  | 65                  | 65                  | 65                  |
| Operating temperature/<br>humidity                                           | °C/RH | 5-40/10-90         | 5-40/10-90         | 5-40/10-90          | 5-40/10-90         | 5-40/10-90          | 5-40/10-90          | 5-40/10-90          | 5-40/10-90          | 5-40/10-90          |
| Operating range -<br>Cooling coil "Air on" temp                              | °C    | 15°CWB+24°CWB      | 15°CWB+24°CWB      | 15°CWB+24°CWB       | 15°CWB+24°CWB      | 15°CWB+24°CWB       | 15°CWB+24°CWB       | 15°CWB+24°CWB       | 15°CWB+24°CWB       | 15°CWB+24°CWB       |
| Operating range -<br>Heating coil "Air on" temp                              | °C    | 5°CDB+28°CDB       | 5°CDB+28°CDB       | 5°CDB+28°CDB        | 5°CDB+28°CDB       | 5°CDB+28°CDB        | 5°CDB+28°CDB        | 5°CDB+28°CDB        | 5°CDB+28°CDB        | 5°CDB+28°CDB        |
| Outdoor Unit                                                                 |       | RAV-<br>GM301ATP-E | RAV-<br>GM401ATP-E | RAV-<br>GM561ATP-EI | RAV-<br>GM801ATP-E | RAV-<br>GM1101ATP-E | RAV-<br>GM1101ATP-E | RAV-<br>GM1601ATP-E | RAV-<br>GM2243AT8-E | RAV-<br>GM2803AT8-E |
|                                                                              |       |                    |                    | RAV-<br>GP561ATW-E  | RAV-<br>GP801ATW-E | RAV-<br>GP1101AT-E  | RAV-<br>GP1101AT-E  | RAV-<br>GP1601AT8-E |                     |                     |
|                                                                              |       |                    |                    |                     |                    | RAV-<br>GP1101AT8-E | RAV-<br>GP1101AT8-E |                     |                     |                     |

Power supply

Supplied from Outdoor Unit





## SDI-DI



Lineup  
4 > 6HP



Efficiency  
A++/A++

## Flexible, efficient and easy to control!

Connect 2-4 indoor units on the same system to satisfy the cooling and heating requirements of larger area.



### FEATURES



Connect 2-4 indoor units to the same system to meet the cooling and heating requirements of larger areas



One user-friendly controller for all the indoor units to simplify the control



Precise airflow control for accurate air distribution management regardless the size of the room



Compatible with every type of light commercial indoor units: 4-way Cassette, Duct, Hi-Wall, Ceiling and Floor Standing

## TECHNICAL CHARACTERISTICS

### COOLING

| INDOOR UNIT MODEL      | OUTDOOR UNIT RAV- | INDOOR UNIT RAV- | HP | Capacity   |               | Power input kW | EER  | SEER | Energy class |
|------------------------|-------------------|------------------|----|------------|---------------|----------------|------|------|--------------|
|                        |                   |                  |    | Nominal kW | Min. - Max kW |                |      |      |              |
| 4-Way Cassette         | GM1101ATP-E       | HM561UTP-E       | 4  | 9,50       | 3,00-11,20    | 2,87           | 3.31 | 5.94 | A+           |
|                        | GM1101AT8P-E      | HM561UTP-E       | 4  | 9,50       | 3,00-11,20    | 2,87           | 3.31 | 5.94 | A+           |
|                        | GM1401ATP-E1      | HM801UTP-E       | 5  | 12,00      | 3,00-13,20    | 4,29           | 2.80 | 5.71 | A+           |
|                        | GM1401AT8P-E1     | HM801UTP-E       | 5  | 12,00      | 3,00-13,20    | 4,29           | 2.80 | 5.71 | A+           |
|                        | GM1601ATP-E       | HM801UTP-E       | 6  | 14,00      | 3,00-16,00    | 4,49           | 3.12 | 6.30 | -            |
|                        | GM1601AT8P-E      | HM801UTP-E       | 6  | 14,00      | 3,00-16,00    | 4,49           | 3.12 | 6.30 | -            |
| Compact 4-Way Cassette | GM1101ATP-E       | HM561MUT-E       | 4  | 9,50       | 3,00-11,20    | 3,00           | 3.16 | 5.50 | A            |
|                        | GM1101AT8P-E      | HM561MUT-E       | 4  | 9,50       | 3,00-11,20    | 3,00           | 3.16 | 5.50 | A            |
| Ducted                 | GM1101ATP-E       | HM561BTP-E       | 4  | 9,50       | 3,00-11,20    | 2,99           | 3.18 | 5.28 | A            |
|                        | GM1101AT8P-E      | HM561BTP-E       | 4  | 9,50       | 3,00-11,20    | 2,99           | 3.18 | 5.28 | A            |
|                        | GM1401ATP-E1      | HM801BTP-E       | 5  | 12,10      | 3,00-13,20    | 4,42           | 2.74 | 5.36 | -            |
|                        | GM1401AT8P-E1     | HM801BTP-E       | 5  | 12,10      | 3,00-13,20    | 4,42           | 2.74 | 5.36 | -            |
|                        | GM1601ATP-E       | HM801BTP-E       | 6  | 14,00      | 3,00-16,00    | 5,13           | 2.73 | 5.30 | -            |
|                        | GM1601AT8P-E      | HM801BTP-E       | 6  | 14,00      | 3,00-16,00    | 5,13           | 2.73 | 5.30 | -            |
| Slim Duct              | GM1101ATP-E       | RM561SDT-E       | 4  | 9,50       | 3,00-11,20    | 3,03           | 3.14 | 5.32 | A            |
|                        | GM1101AT8P-E      | RM561SDT-E       | 4  | 9,50       | 3,00-11,20    | 3,03           | 3.14 | 5.32 | A            |
| Ceiling                | GM1101ATP-E       | HM561CTP-E       | 4  | 9,50       | 3,00-11,20    | 2,95           | 3.22 | 5.86 | A+           |
|                        | GM1101AT8P-E      | HM561CTP-E       | 4  | 9,50       | 3,00-11,20    | 2,95           | 3.22 | 5.86 | A+           |
|                        | GM1401ATP-E1      | HM801CTP-E       | 5  | 12,10      | 3,00-13,20    | 4,42           | 2.74 | 5.36 | -            |
|                        | GM1401AT8P-E1     | HM801CTP-E       | 5  | 12,10      | 3,00-13,20    | 4,42           | 2.74 | 5.36 | -            |
|                        | GM1601ATP-E       | HM801CTP-E       | 6  | 14,00      | 3,00-16,00    | 4,65           | 3.01 | 5.90 | -            |
|                        | GM1601AT8P-E      | HM801CTP-E       | 6  | 14,00      | 3,00-16,00    | 4,65           | 3.01 | 5.90 | -            |
| Hi-Wall                | GM1101ATP-E       | HM561KRTP-E      | 4  | 9,50       | 3,00-11,20    | 2,98           | 3.19 | 5.32 | A            |
|                        | GM1101AT8P-E      | HM561KRTP-E      | 4  | 9,50       | 3,00-11,20    | 2,98           | 3.19 | 5.32 | A            |
|                        | GM1401ATP-E1      | HM801KRTP-E      | 5  | 12,10      | 3,00-13,20    | 4,71           | 2.57 | 5.24 | -            |
|                        | GM1401AT8P-E1     | HM801KRTP-E      | 5  | 12,10      | 3,00-13,20    | 4,71           | 2.57 | 5.24 | -            |
|                        | GM1601ATP-E       | HM801KRTP-E      | 6  | 14,00      | 3,00-16,00    | 5,09           | 2.75 | 5.10 | -            |
|                        | GM1601AT8P-E      | HM801KRTP-E      | 6  | 14,00      | 3,00-16,00    | 5,09           | 2.75 | 5.10 | -            |
| Floor Standing         | GM1101ATP-E       | HM561FT-E        | 4  | 9,50       | 3,00-11,20    | 3,06           | 3.10 | 5.16 | A            |
|                        | GM1101AT8P-E      | HM561FT-E        | 4  | 9,50       | 3,00-11,20    | 3,06           | 3.10 | 5.16 | A            |
|                        | GM1401ATP-E1      | HM801FT-E        | 5  | 12,10      | 3,00-13,20    | 4,71           | 2.57 | 4.86 | -            |
|                        | GM1401AT8P-E1     | HM801FT-E        | 5  | 12,10      | 3,00-13,20    | 4,71           | 2.57 | 4.86 | -            |
|                        | GM1601ATP-E       | HM801FT-E        | 6  | TBD        | TBD           | TBD            | TBD  | TBD  | TBD          |
|                        | GM1601AT8P-E      | HM801FT-E        | 6  | TBD        | TBD           | TBD            | TBD  | TBD  | TBD          |

### HEATING

| INDOOR UNIT MODEL      | OUTDOOR UNIT RAV- | INDOOR UNIT RAV- | HP | Capacity   |               | Power input kW | COP  | SCOP | Energy class |
|------------------------|-------------------|------------------|----|------------|---------------|----------------|------|------|--------------|
|                        |                   |                  |    | Nominal kW | Min. - Max kW |                |      |      |              |
| 4-Way Cassette         | GM1101ATP-E       | HM561UTP-E       | 4  | 11,20      | 3,00-13,00    | 2,93           | 3.82 | 4.28 | A+           |
|                        | GM1101AT8P-E      | HM561UTP-E       | 4  | 11,20      | 3,00-13,00    | 2,93           | 3.82 | 4.28 | A+           |
|                        | GM1401ATP-E1      | HM801UTP-E       | 5  | 13,00      | 3,00-16,00    | 3,46           | 3.76 | 4.29 | A+           |
|                        | GM1401AT8P-E1     | HM801UTP-E       | 5  | 13,00      | 3,00-16,00    | 3,46           | 3.76 | 4.29 | A+           |
|                        | GM1601ATP-E       | HM801UTP-E       | 6  | 16,00      | 3,00-18,00    | 4,43           | 3.61 | 4.35 | -            |
|                        | GM1601AT8P-E      | HM801UTP-E       | 6  | 16,00      | 3,00-18,00    | 4,43           | 3.61 | 4.35 | -            |
| Compact 4-Way Cassette | GM1101ATP-E       | HM561MUT-E       | 4  | 11,20      | 3,00-13,00    | 3,26           | 3.44 | 4.02 | A+           |
|                        | GM1101AT8P-E      | HM561MUT-E       | 4  | 11,20      | 3,00-13,00    | 3,26           | 3.44 | 4.02 | A+           |
| Ducted                 | GM1101ATP-E       | HM561BTP-E       | 4  | 11,20      | 3,00-13,00    | 2,99           | 3.75 | 4.22 | A+           |
|                        | GM1101AT8P-E      | HM561BTP-E       | 4  | 11,20      | 3,00-13,00    | 2,99           | 3.75 | 4.22 | A+           |
|                        | GM1401ATP-E1      | HM801BTP-E       | 5  | 13,00      | 3,00-16,00    | 3,60           | 3.61 | 4.21 | -            |
|                        | GM1401AT8P-E1     | HM801BTP-E       | 5  | 13,00      | 3,00-16,00    | 3,60           | 3.61 | 4.21 | -            |
|                        | GM1601ATP-E       | HM801BTP-E       | 6  | 16,00      | 3,00-18,00    | 4,69           | 3.41 | 3.47 | -            |
|                        | GM1601AT8P-E      | HM801BTP-E       | 6  | 16,00      | 3,00-18,00    | 4,69           | 3.41 | 3.47 | -            |
| Slim Duct              | GM1101ATP-E       | RM561SDT-E       | 4  | 11,20      | 3,00-13,00    | 2,99           | 3.75 | 4.19 | A+           |
|                        | GM1101AT8P-E      | RM561SDT-E       | 4  | 11,20      | 3,00-13,00    | 2,99           | 3.75 | 4.19 | A+           |
| Ceiling                | GM1101ATP-E       | HM561CTP-E       | 4  | 11,20      | 3,00-13,00    | 2,94           | 3.81 | 4.28 | A+           |
|                        | GM1101AT8P-E      | HM561CTP-E       | 4  | 11,20      | 3,00-13,00    | 2,94           | 3.81 | 4.28 | A+           |
|                        | GM1401ATP-E1      | HM801CTP-E       | 5  | 13,00      | 3,00-16,00    | 3,48           | 3.74 | 4.19 | -            |
|                        | GM1401AT8P-E1     | HM801CTP-E       | 5  | 13,00      | 3,00-16,00    | 3,48           | 3.74 | 4.19 | -            |
|                        | GM1601ATP-E       | HM801CTP-E       | 6  | 16,00      | 3,00-18,00    | 4,61           | 3.47 | 4.10 | -            |
|                        | GM1601AT8P-E      | HM801CTP-E       | 6  | 16,00      | 3,00-18,00    | 4,61           | 3.47 | 4.10 | -            |
| Hi-Wall                | GM1101ATP-E       | HM561KRTP-E      | 4  | 11,20      | 3,00-13,00    | 2,99           | 3.75 | 4.19 | A+           |
|                        | GM1101AT8P-E      | HM561KRTP-E      | 4  | 11,20      | 3,00-13,00    | 2,99           | 3.75 | 4.19 | A+           |
|                        | GM1401ATP-E1      | HM801KRTP-E      | 5  | 13,00      | 3,00-16,00    | 3,86           | 3.37 | 4.19 | -            |
|                        | GM1401AT8P-E1     | HM801KRTP-E      | 5  | 13,00      | 3,00-16,00    | 3,86           | 3.37 | 4.19 | -            |
|                        | GM1601ATP-E       | HM801KRTP-E      | 6  | 16,00      | 3,00-18,00    | 4,98           | 3.21 | 4.00 | -            |
|                        | GM1601AT8P-E      | HM801KRTP-E      | 6  | 16,00      | 3,00-18,00    | 4,98           | 3.21 | 4.00 | -            |
| Floor Standing         | GM1101ATP-E       | HM561FT-E        | 4  | 11,20      | 3,00-13,00    | 3,19           | 3.51 | 3.92 | A            |
|                        | GM1101AT8P-E      | HM561FT-E        | 4  | 11,20      | 3,00-13,00    | 3,19           | 3.51 | 3.92 | A            |
|                        | GM1401ATP-E1      | HM801FT-E        | 5  | 13,00      | 3,00-16,00    | 4,01           | 3.24 | 3.90 | -            |
|                        | GM1401AT8P-E1     | HM801FT-E        | 5  | 13,00      | 3,00-16,00    | 4,01           | 3.24 | 3.90 | -            |
|                        | GM1601ATP-E       | HM801FT-E        | 6  | TBD        | TBD           | TBD            | TBD  | TBD  | TBD          |
|                        | GM1601AT8P-E      | HM801FT-E        | 6  | TBD        | TBD           | TBD            | TBD  | TBD  | TBD          |





## TECHNICAL CHARACTERISTICS

### TRIPLE SPLIT SDI - COOLING

| INDOOR<br>UNIT MODEL      | OUTDOOR UNIT<br>RAV- | INDOOR UNIT<br>RAV- | HP | Capacity      |                  | Power input<br>kW | EER  | SEER |
|---------------------------|----------------------|---------------------|----|---------------|------------------|-------------------|------|------|
|                           |                      |                     |    | Nominal<br>kW | Min. - Max<br>kW |                   |      |      |
| 4-Way Cassette            | GM1601ATP-E          | HM561UTP-E          | 6  | 14,00         | 3,00-16,00       | 4,49              | 3.12 | 6.30 |
| Compact<br>4-Way Cassette | GM1601ATP-E          | HM561MUT-E          | 6  | 14,00         | 3,00-16,00       | 5,09              | 2.75 | 5.10 |
| Slim Duct                 | GM1601ATP-E          | RM561SDT-E          | 6  | 14,00         | 3,00-16,00       | 4,98              | 2.81 | 5.10 |
| Ceiling                   | GM1601ATP-E          | HM561CTP-E          | 6  | 14,00         | 3,00-16,00       | 4,65              | 3.01 | 5.90 |
| Floor Standing            | GM1601ATP-E          | HM561FT-E           | 6  | TBD           | TBD              | TBD               | TBD  | TBD  |
| Hi-Wall                   | GM1601ATP-E          | HM561KRTP-E         | 6  | 14,00         | 3,00-16,00       | 5,09              | 2.75 | 5.10 |
| 4-Way Cassette            | GM1601AT8P-E         | HM561UTP-E          | 6  | 14,00         | 3,00-16,00       | 4,49              | 3.12 | 6.30 |
| Compact<br>4-Way Cassette | GM1601AT8P-E         | HM561MUT-E          | 6  | 14,00         | 3,00-16,00       | 5,09              | 2.75 | 5.10 |
| Ducted                    | GM1601AT8P-E         | HM561BTP-E          | 6  | 14,00         | 3,00-16,00       | 5,13              | 2.73 | 5.30 |
| Slim Duct                 | GM1601AT8P-E         | RM561SDT-E          | 6  | 14,00         | 3,00-16,00       | 4,98              | 2.81 | 5.10 |
| Ceiling                   | GM1601AT8P-E         | HM561CTP-E          | 6  | 14,00         | 3,00-16,00       | 4,65              | 3.01 | 5.90 |
| Floor Standing            | GM1601AT8P-E         | HM561FT-E           | 6  | TBD           | TBD              | TBD               | TBD  | TBD  |
| Hi-Wall                   | GM1601AT8P-E         | HM561KRTP-E         | 6  | 14,00         | 3,00-16,00       | 5,09              | 2.75 | 5.10 |

### TRIPLE SPLIT SDI - HEATING

| INDOOR<br>UNIT MODEL      | OUTDOOR UNIT<br>RAV- | INDOOR UNIT<br>RAV- | HP | Capacity      |                  | Power input<br>kW | COP  | SCOP |
|---------------------------|----------------------|---------------------|----|---------------|------------------|-------------------|------|------|
|                           |                      |                     |    | Nominal<br>kW | Min. - Max<br>kW |                   |      |      |
| 4-Way Cassette            | GM1601ATP-E          | HM561UTP-E          | 6  | 16,00         | 3,00-18,00       | 4,43              | 3.61 | 4.35 |
| Compact<br>4-Way Cassette | GM1601ATP-E          | HM561MUTP-E         | 6  | 16,00         | 3,00-18,00       | 4,69              | 3.41 | 4.00 |
| Slim Duct                 | GM1601ATP-E          | RM561SDT-E          | 6  | 16,00         | 3,00-18,00       | 4,69              | 3.41 | 4.00 |
| Ceiling                   | GM1601ATP-E          | HM561CTP-E          | 6  | 16,00         | 3,00-18,00       | 4,61              | 3.47 | 4.10 |
| Floor Standing            | GM1601ATP-E          | HM561FT-E           | 6  | TBD           | TBD              | TBD               | TBD  | TBD  |
| Hi-Wall                   | GM1601ATP-E          | HM561KRTP-E         | 6  | 16,00         | 3,00-18,00       | 4,98              | 3.21 | 4.00 |
| 4-Way Cassette            | GM1601AT8P-E         | HM561UTP-E          | 6  | 16,00         | 3,00-18,00       | 4,43              | 3.61 | 4.35 |
| Compact<br>4-Way Cassette | GM1601AT8P-E         | HM561MUT-E          | 6  | 16,00         | 3,00-18,00       | 4,69              | 3.41 | 4.00 |
| Slim Duct                 | GM1601AT8P-E         | RM561SDT-E          | 6  | 16,00         | 3,00-18,00       | 4,69              | 3.41 | 4.00 |
| Ceiling                   | GM1601AT8P-E         | HM561CTP-E          | 6  | 16,00         | 3,00-18,00       | 4,61              | 3.47 | 4.10 |
| Floor Standing            | GM1601AT8P-E         | HM561FT-E           | 6  | TBD           | TBD              | TBD               | TBD  | TBD  |
| Hi-Wall                   | GM1601AT8P-E         | HM561KRTP-E         | 6  | 16,00         | 3,00-18,00       | 4,98              | 3.21 | 4.00 |



## TECHNICAL CHARACTERISTICS

### TWIN SPLIT SDI - COOLING

| INDOOR UNIT MODEL      | OUTDOOR UNIT | INDOOR UNIT | HP | Capacity      |                  | Power input | EER  | SEER | Energy class |
|------------------------|--------------|-------------|----|---------------|------------------|-------------|------|------|--------------|
|                        |              |             |    | Nominal<br>kW | Min. - Max<br>kW |             |      |      |              |
| 4-Way Cassette         | GP1101AT-E   | HM561UTP-E  | 4  | 10,00         | 3,10-12,00       | 2,13        | 4.69 | 8.88 | A++          |
|                        | GP1401AT-E1  | HM801UTP-E  | 5  | 12,50         | 3,10-14,00       | 3,16        | 3.96 | 8.53 | -            |
|                        | GP1101AT8-E  | HM561UTP-E  | 4  | 10,00         | 2,60-12,00       | 2,32        | 4.31 | 7.21 | A++          |
|                        | GP1401AT8-E1 | HM801UTP-E  | 5  | 12,50         | 2,60-14,00       | 3,42        | 3.65 | 7.29 | -            |
|                        | GP1601AT8-E  | HM801UTP-E  | 6  | 14,00         | 2,60-16,00       | 4,34        | 3.23 | 6.95 | -            |
| Compact 4-Way Cassette | GP801ATW-E   | HM401MUT-E  | 3  | 7,10          | 1,90-8,00        | 1,73        | 4.10 | 7.91 | A++          |
|                        | GP1101AT-E   | HM561MUT-E  | 4  | 10,00         | 3,10-12,00       | 2,39        | 4.18 | 7.93 | A++          |
|                        | GP1101AT8-E  | HM561MUT-E  | 4  | 10,00         | 2,60-12,00       | 2,60        | 3.85 | 6.32 | A++          |
| Ducted                 | GP1101AT-E   | HM561BTP-E  | 4  | 10,00         | 3,10-12,00       | 2,40        | 4.17 | 7.11 | A++          |
|                        | GP1401AT-E1  | HM801BTP-E  | 5  | 12,50         | 3,10-14,00       | 3,57        | 3.50 | 6.72 | -            |
|                        | GP1101AT8-E  | HM561BTP-E  | 4  | 10,00         | 2,60-12,00       | 2,58        | 3.88 | 6.02 | A+           |
|                        | GP1401AT8-E1 | HM801BTP-E  | 5  | 12,50         | 2,60-14,00       | 3,81        | 3.28 | 5.98 | -            |
|                        | GP1601AT8-E  | HM801BTP-E  | 6  | 14,00         | 2,60-16,00       | 4,49        | 3.12 | 5.78 | -            |
| Slim Duct              | GP801ATW-E   | RM401SDT-E  | 3  | 7,10          | 1,90-8,00        | 1,85        | 3.83 | 6.50 | A++          |
|                        | GP1101AT-E   | RM561SDT-E  | 4  | 10,00         | 3,10-12,00       | 2,56        | 3.91 | 6.80 | A++          |
|                        | GP1101AT8-E  | RM561SDT-E  | 4  | 10,00         | 2,60-12,00       | 2,78        | 3.60 | 5.66 | A+           |
| Ceiling                | GP801ATW-E   | HM401CTP-E  | 3  | 7,10          | 1,90-8,00        | 1,60        | 4.44 | 8.20 | A++          |
|                        | GP1101AT-E   | HM561CTP-E  | 4  | 10,00         | 3,10-12,00       | 2,23        | 4.48 | 8.47 | A++          |
|                        | GP1401AT-E1  | HM801CTP-E  | 5  | 12,50         | 3,10-14,00       | 3,58        | 3.49 | 7.93 | -            |
|                        | GP1101AT8-E  | HM561CTP-E  | 4  | 10,00         | 2,60-12,00       | 2,56        | 3.91 | 6.70 | A++          |
|                        | GP1401AT8-E1 | HM801CTP-E  | 5  | 12,50         | 2,60-14,00       | 3,68        | 3.40 | 6.55 | -            |
| Floor Standing         | GP1601AT8-E  | HM801CTP-E  | 6  | 14,00         | 2,60-16,00       | 4,60        | 3.04 | 6.20 | -            |
|                        | GP1101AT-E   | HM561FT-E   | 4  | 10,00         | 3,10-12,00       | 2,39        | 4.18 | 6.84 | A++          |
|                        | GP1401AT-E1  | HM801FT-E   | 5  | 12,500        | 3,10-14,00       | 3,52        | 3.55 | 6.47 | -            |
|                        | GP1101AT8-E  | HM561FT-E   | 4  | 10,00         | 2,6-12,000       | 2,46        | 4.07 | 6.02 | A+           |
|                        | GP1401AT8-E1 | HM801FT-E   | 5  | 12,50         | 2,60-14,00       | 3,61        | 3.46 | 6.01 | -            |
| Hi-Wall                | GP1601AT8-E  | HM801FT-E   | 6  | 14,00         | 2,60-16,00       | 4,39        | 3.19 | 5.81 | -            |
|                        | GP1101AT-E   | HM561KRTP-E | 4  | 10,00         | 3,10-12,00       | 2,44        | 4.10 | 8.51 | A++          |
|                        | GP1401AT-E1  | HM801KRTP-E | 5  | 12,50         | 3,10-14,00       | 3,55        | 3.45 | 7.10 | -            |
|                        | GP1101AT8-E  | HM561KRTP-E | 4  | 10,00         | 2,60-12,00       | 2,61        | 3.83 | 6.57 | A++          |
|                        | GP1401AT8-E1 | HM801KRTP-E | 5  | 12,30         | 2,60-13,50       | 3,73        | 3.30 | 6.44 | -            |
|                        | GP1601AT8-E  | HM801KRTP-E | 6  | 14,00         | 2,60-16,00       | 4,65        | 3.01 | 6.16 | -            |

### TWIN SPLIT SDI - HEATING

| INDOOR UNIT MODEL      | OUTDOOR UNIT | INDOOR UNIT | HP | Capacity      |                  | Power input | COP  | SCOP  | Energy class |
|------------------------|--------------|-------------|----|---------------|------------------|-------------|------|-------|--------------|
|                        |              |             |    | Nominal<br>kW | Min. - Max<br>kW |             |      |       |              |
| 4-Way Cassette         | GP1101AT-E   | HM561UTP-E  | 4  | 11,20         | 2,60-13,00       | 2,34        | 4.79 | 4.76  | A++          |
|                        | GP1401AT-E1  | HM801UTP-E  | 5  | 14,00         | 2,60-16,50       | 3,21        | 4.36 | 4.75  | -            |
|                        | GP1101AT8-E  | HM561UTP-E  | 4  | 11,20         | 2,40-15,60       | 2,41        | 4.65 | 4.38  | A+           |
|                        | GP1401AT8-E1 | HM801UTP-E  | 5  | 14,00         | 2,40-18,00       | 3,41        | 4.11 | 4.38  | -            |
|                        | GP1601AT8-E  | HM801UTP-E  | 6  | 16,00         | 2,40-19,00       | 4,28        | 3.74 | 4.38  | -            |
| Compact 4-Way Cassette | GP801ATW-E   | HM401MUT-E  | 3  | 8,00          | 1,30-11,30       | 1,82        | 4.40 | 4.87  | A++          |
|                        | GP1101AT-E   | HM561MUT-E  | 4  | 11,20         | 2,60-13,00       | 2,67        | 4.19 | 4.42  | A+           |
|                        | GP1101AT8-E  | HM561MUT-E  | 4  | 11,20         | 2,40-14,00       | 2,99        | 3.74 | 3.94  | A            |
| Ducted                 | GP1101AT-E   | HM561BTP-E  | 4  | 11,20         | 2,60-13,00       | 2,73        | 4.10 | 4.30  | A+           |
|                        | GP1401AT-E1  | HM801BTP-E  | 5  | 14,00         | 2,60-16,50       | 3,63        | 3.86 | 4.29  | -            |
|                        | GP1101AT8-E  | HM561BTP-E  | 4  | 11,20         | 2,40-15,60       | 2,76        | 4.06 | 4.19  | A            |
|                        | GP1401AT8-E1 | HM801BTP-E  | 5  | 14,00         | 2,40-18,00       | 3,66        | 3.83 | 3.99  | -            |
|                        | GP1601AT8-E  | HM801BTP-E  | 6  | 16,00         | 2,40-19,00       | 4,57        | 3.50 | 3.96  | -            |
| Slim Duct              | GP801ATW-E   | RM401SDT-E  | 3  | 8,00          | 1,30-11,30       | 2,12        | 3.77 | 4.26  | A+           |
|                        | GP1101AT-E   | RM561SDT-E  | 4  | 11,20         | 2,60-13,00       | 2,67        | 4.19 | 4.02  | A+           |
|                        | GP1101AT8-E  | RM561SDT-E  | 4  | 11,20         | 2,40-14,00       | 2,66        | 4.21 | 3.90  | A            |
| Ceiling                | GP801ATW-E   | HM401CTP-E  | 3  | 8,00          | 1,30-11,30       | 1,80        | 4.44 | 5.09  | A++          |
|                        | GP1101AT-E   | HM561CTP-E  | 4  | 11,20         | 2,60-13,00       | 2,38        | 4.71 | 4.75  | A++          |
|                        | GP1401AT-E1  | HM801CTP-E  | 5  | 14,00         | 2,60-16,50       | 3,59        | 3.90 | 4.73  | -            |
|                        | GP1101AT8-E  | HM561CTP-E  | 4  | 11,20         | 2,40-14,00       | 2,51        | 4.46 | 4.23  | A+           |
|                        | GP1401AT8-E1 | HM801CTP-E  | 5  | 14,00         | 2,40-18,00       | 3,48        | 4.02 | 4.22  | -            |
| Floor Standing         | GP1601AT8-E  | HM801CTP-E  | 6  | 16,00         | 2,40-19,00       | 4,30        | 3.72 | 4.201 | -            |
|                        | GP1101AT-E   | HM561FT-E   | 4  | 11,20         | 2,60-13,00       | 2,76        | 4.06 | 4.40  | A+           |
|                        | GP1401AT-E1  | HM801FT-E   | 5  | 14,00         | 2,60-16,50       | 3,97        | 3.53 | 4.38  | -            |
|                        | GP1101AT8-E  | HM561FT-E   | 4  | 11,20         | 2,40-14,00       | 2,77        | 4.04 | 4.02  | A+           |
|                        | GP1401AT8-E1 | HM801FT-E   | 5  | 14,00         | 2,40-18,00       | 3,81        | 3.67 | 4.02  | -            |
| Hi-Wall                | GP1601AT8-E  | HM801FT-E   | 6  | 16,00         | 2,40-19,00       | 4,83        | 3.31 | 3.98  | -            |
|                        | GP1101AT-E   | HM561KRTP-E | 4  | 11,20         | 2,60-13,00       | 2,73        | 4.10 | 4.07  | A+           |
|                        | GP1401AT-E1  | HM801KRTP-E | 5  | 14,00         | 2,60-16,50       | 3,66        | 3.66 | 4.40  | -            |
|                        | GP1101AT8-E  | HM561KRTP-E | 4  | 11,20         | 2,40-14,00       | 2,66        | 4.21 | 4.16  | A+           |
|                        | GP1401AT8-E1 | HM801KRTP-E | 5  | 14,00         | 2,40-18,00       | 3,78        | 3.70 | 4.14  | -            |
|                        | GP1601AT8-E  | HM801KRTP-E | 6  | 16,00         | 2,40-19,00       | 4,87        | 3.29 | 4.11  | -            |



## TECHNICAL CHARACTERISTICS

### TRIPLE SPLIT SDI - COOLING

| INDOOR UNIT MODEL      | OUTDOOR UNIT RAV- | INDOOR UNIT RAV- | HP | Capacity   |               | Power input kW | EER  | SEER |
|------------------------|-------------------|------------------|----|------------|---------------|----------------|------|------|
|                        |                   |                  |    | Nominal kW | Min. - Max kW |                |      |      |
| 4-Way Cassette         | GP1601AT8-E       | HM561UTP-E       | 6  | 14,00      | 2,60-16,00    | 4,34           | 3.23 | 6.90 |
| Compact 4-Way Cassette | GP1601AT8-E       | HM561MUT-E       | 6  | 14,00      | 2,60-16,00    | 4,24           | 3.30 | 6.32 |
| Ducted                 | GP1601AT8-E       | HM561BTP-E       | 6  | 14,00      | 2,60-16,00    | 4,49           | 3.12 | 5.72 |
| Slim Duct              | GP1601AT8-E       | RM561SDT-E       | 6  | 14,00      | 2,60-16,00    | 4,29           | 3.26 | 6.19 |
| Ceiling                | GP1601AT8-E       | HM561CTP-E       | 6  | 14,00      | 2,60-16,00    | 4,60           | 3.04 | 6.17 |
| Floor Standing         | GP1601AT8-E       | HM561FT-E        | 6  | 14,00      | 2,60-16,00    | 4,39           | 3.19 | 5.75 |
| Hi-Wall                | GP1601AT8-E       | HM561KRTP-E      | 6  | 14,00      | 2,60-16,00    | 4,65           | 3.01 | 6.13 |

### TRIPLE SPLIT SDI - HEATING

| INDOOR UNIT MODEL      | OUTDOOR UNIT RAV- | INDOOR UNIT RAV- | HP | Capacity   |               | Power input kW | COP  | SCOP |
|------------------------|-------------------|------------------|----|------------|---------------|----------------|------|------|
|                        |                   |                  |    | Nominal kW | Min. - Max kW |                |      |      |
| 4-Way Cassette         | GP1601AT8-E       | HM561UTP-E       | 6  | 16,00      | 2,40-19,00    | 4,28           | 3.74 | 4.38 |
| Compact 4-Way Cassette | GP1601AT8-E       | HM561MUT-E       | 6  | 16,00      | 2,40-19,00    | 4,56           | 3.51 | 4.15 |
| Ducted                 | GP1601AT8-E       | HM561BTP-E       | 6  | 16,00      | 2,40-19,00    | 4,57           | 3.50 | 3.96 |
| Slim Duct              | GP1601AT8-E       | RM561SDT-E       | 6  | 16,00      | 2,40-19,00    | 4,57           | 3.50 | 4.09 |
| Ceiling                | GP1601AT8-E       | HM561CTP-E       | 6  | 16,00      | 2,40-19,00    | 4,30           | 3.72 | 4.21 |
| Floor Standing         | GP1601AT8-E       | HM561FT-E        | 6  | 16,00      | 2,40-19,00    | 4,83           | 3.31 | 3.98 |
| Hi-Wall                | GP1601AT8-E       | HM561KRTP-E      | 6  | 16,00      | 2,40-19,00    | 4,87           | 3.29 | 4.11 |

### TWIN SPLIT BIG-DI - COOLING

| INDOOR UNIT MODEL | OUTDOOR UNIT RAV- | INDOOR UNIT RAV- | HP | Capacity   |               | Power input kW | EER  | SEER |
|-------------------|-------------------|------------------|----|------------|---------------|----------------|------|------|
|                   |                   |                  |    | Nominal kW | Min. - Max kW |                |      |      |
| 4-Way Cassette    | GM-2243AT8P-E     | HM1101UTP-E      | 8  | 20,00      | 4,6-22,40     | 5,56           | 3.60 | 6.88 |
|                   | GM-2803AT8P-E     | HM1401UTP-E      | 10 | 23,50      | 4,6-27,00     | 7,83           | 3.00 | 6.48 |
| Ducted            | GM-2243AT8P-E     | HM1101BTP-E      | 8  | 20,00      | 4,6-22,40     | 6,17           | 3.24 | 5.64 |
|                   | GM-2803AT8P-E     | HM1401BTP-E      | 10 | 23,50      | 4,6-27,00     | 8,87           | 2.65 | 5.41 |
| Floor Standing    | GM-2243AT8P-E     | HM1101FT-E       | 8  | 20,00      | 4,6-22,40     | 6,17           | 3.24 | 5.42 |
|                   | GM-2803AT8P-E     | HM1401FT-E       | 10 | 23,50      | 4,6-27,00     | 8,87           | 2.65 | 5.20 |
| Ceiling           | GM-2243AT8P-E     | HM1101CTP-E      | 8  | 20,00      | 4,6-22,40     | 6,17           | 3.24 | 6.02 |
|                   | GM-2803AT8P-E     | HM1401CTP-E      | 10 | 23,50      | 4,6-27,00     | 8,97           | 2.62 | 5.47 |

### TWIN SPLIT BIG-DI - HEATING

| INDOOR UNIT MODEL | OUTDOOR UNIT RAV- | INDOOR UNIT RAV- | HP | Capacity   |               | Power input kW | COP  | SCOP |
|-------------------|-------------------|------------------|----|------------|---------------|----------------|------|------|
|                   |                   |                  |    | Nominal kW | Min. - Max kW |                |      |      |
| 4-Way Cassette    | GM-2243AT8P-E     | HM1101UTP-E      | 8  | 22,40      | 4,60-25,00    | 5,30           | 4.23 | 4.06 |
|                   | GM-2803AT8P-E     | HM1401UTP-E      | 10 | 27,00      | 4,60-31,50    | 7,10           | 3.80 | 3.92 |
| Ducted            | GM-2243AT8P-E     | HM1101BTP-E      | 8  | 22,40      | 4,60-25,00    | 5,57           | 4.02 | 3.77 |
|                   | GM-2803AT8P-E     | HM1401BTP-E      | 10 | 27,00      | 4,60-31,50    | 7,46           | 3.62 | 3.67 |
| Floor Standing    | GM-2243AT8P-E     | HM1101FT-E       | 8  | 22,40      | 4,60-25,00    | 6,83           | 3.28 | 3.62 |
|                   | GM-2803AT8P-E     | HM1401FT-E       | 10 | 27,00      | 4,60-31,50    | 9,55           | 2.83 | 3.59 |
| Ceiling           | GM-2243AT8P-E     | HM1101CTP-E      | 8  | 22,40      | 4,60-25,00    | 5,71           | 3.92 | 3.81 |
|                   | GM-2803AT8P-E     | HM1401CTP-E      | 10 | 27,00      | 4,60-31,50    | 7,56           | 3.57 | 3.67 |



## TECHNICAL CHARACTERISTICS

### TRIPLE SPLIT BIG-DI - COOLING

| INDOOR UNIT MODEL | OUTDOOR UNIT  | INDOOR UNIT | HP | Capacity |            | Power input | EER  | SEER |
|-------------------|---------------|-------------|----|----------|------------|-------------|------|------|
|                   |               |             |    | Nominal  | Min. - Max |             |      |      |
|                   | RAV-          | RAV-        |    | kW       | kW         | kW          |      |      |
| 4-Way Cassette    | GM-2243AT8P-E | HM801UTP-E  | 8  | 20,00    | 4,60-22,40 | 5,56        | 3.60 | 6.85 |
|                   | GM-2803AT8P-E | HM801UTP-E  | 10 | 23,50    | 4,60-27,00 | 7,83        | 3.00 | 6.45 |
| Ducted            | GM-2243AT8P-E | HM801BTP-E  | 8  | 20,00    | 4,60-22,40 | 6,17        | 3.24 | 5.60 |
|                   | GM-2803AT8P-E | HM801BTP-E  | 10 | 23,50    | 4,60-27,00 | 8,87        | 2.65 | 5.37 |
| Slim Duct         | GM-2243AT8P-E | HM801SDTY-E | 8  | 20,00    | 4,60-22,40 | 6,67        | 3.00 | 5.77 |
|                   | GM-2803AT8P-E | HM801SDTY-E | 10 | 23,50    | 4,60-27,00 | 8,87        | 2.65 | 5.14 |
| Ceiling           | GM-2243AT8P-E | HM801CTP-E  | 8  | 20,00    | 4,60-22,40 | 6,17        | 3.24 | 5.94 |
|                   | GM-2803AT8P-E | HM801CTP-E  | 10 | 23,50    | 4,60-27,00 | 8,97        | 2.62 | 5.41 |
| Floor Standing    | GM-2243AT8P-E | HM801FT-E   | 8  | 20,00    | 4,60-22,40 | 6,17        | 3.24 | 5.36 |
|                   | GM-2803AT8P-E | HM801FT-E   | 10 | 23,50    | 4,60-27,00 | 8,87        | 2.65 | 5.15 |
| Hi-Wall           | GM-2243AT8P-E | HM801KRTP-E | 8  | 20,00    | 4,60-22,40 | 6,67        | 3.00 | 5.81 |
|                   | GM-2803AT8P-E | HM801KRTP-E | 10 | 23,50    | 4,60-27,00 | 9,22        | 2.55 | 5.47 |

### TRIPLE SPLIT BIG-DI - HEATING

| INDOOR UNIT MODEL | OUTDOOR UNIT  | INDOOR UNIT | HP | Capacity |            | Power input | COP  | SCOP |
|-------------------|---------------|-------------|----|----------|------------|-------------|------|------|
|                   |               |             |    | Nominal  | Min. - Max |             |      |      |
|                   | RAV-          | RAV-        |    | kW       | kW         | kW          |      |      |
| 4-Way Cassette    | GM-2243AT8P-E | HM801UTP-E  | 8  | 22,40    | 4,60-25,00 | 5,30        | 4.23 | 4.06 |
|                   | GM-2803AT8P-E | HM801UTP-E  | 10 | 27,00    | 4,60-31,50 | 7,10        | 3.80 | 3.92 |
| Ducted            | GM-2243AT8P-E | HM801BTP-E  | 8  | 22,40    | 4,60-25,00 | 5,57        | 4.02 | 3.76 |
|                   | GM-2803AT8P-E | HM801BTP-E  | 10 | 27,00    | 4,60-31,50 | 7,46        | 3.62 | 3.67 |
| Slim Duct         | GM-2243AT8P-E | HM801SDTY-E | 8  | 22,40    | 4,60-25,00 | 6,12        | 3.66 | 3.88 |
|                   | GM-2803AT8P-E | HM801SDTY-E | 10 | 27,00    | 4,60-31,50 | 8,21        | 3.29 | 3.59 |
| Ceiling           | GM-2243AT8P-E | HM801CTP-E  | 8  | 22,40    | 4,60-25,00 | 5,71        | 3.92 | 3.81 |
|                   | GM-2803AT8P-E | HM801CTP-E  | 10 | 27,00    | 4,60-31,50 | 7,56        | 3.57 | 3.67 |
| Floor Standing    | GM-2243AT8P-E | HM801FT-E   | 8  | 22,40    | 4,60-25,00 | 5,63        | 3.98 | 3.62 |
|                   | GM-2803AT8P-E | HM801FT-E   | 10 | 27,00    | 4,60-31,50 | 8,21        | 3.29 | 3.59 |
| Hi-Wall           | GM-2243AT8P-E | HM801KRTP-E | 8  | 22,40    | 4,60-25,00 | 6,12        | 3.66 | 3.78 |
|                   | GM-2803AT8P-E | HM801KRTP-E | 10 | 27,00    | 4,60-31,50 | 7,65        | 3.53 | 3.65 |

### DOUBLE TWIN SPLIT BIG-DI - COOLING

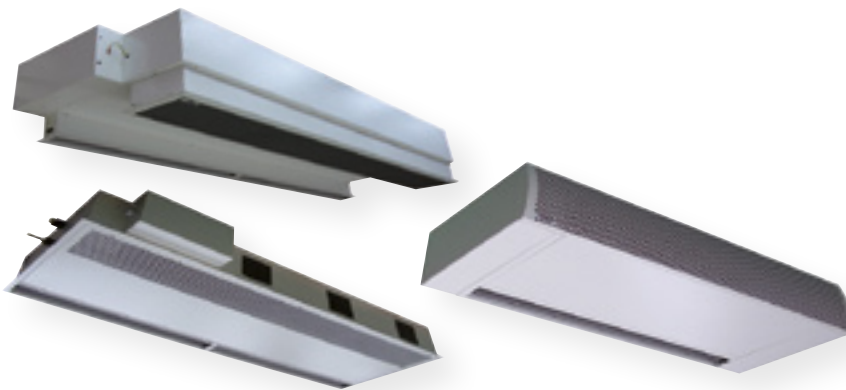
| INDOOR UNIT MODEL      | OUTDOOR UNIT  | INDOOR UNIT | HP | Capacity |            | Power input | EER  | SEER |
|------------------------|---------------|-------------|----|----------|------------|-------------|------|------|
|                        |               |             |    | Nominal  | Min. - Max |             |      |      |
|                        | RAV-          | RAV-        |    | kW       | kW         | kW          |      |      |
| 4-Way Cassette         | GM-2243AT8P-E | HM561UTP-E  | 8  | 20,00    | 4,60-22,40 | 5,56        | 3.60 | 6.80 |
|                        | GM-2803AT8P-E | HM801UTP-E  | 10 | 23,00    | 4,60-27,00 | 7,83        | 3.00 | 6.42 |
| Compact 4-Way Cassette | GM-2243AT8P-E | HM561MUT-E  | 8  | 20,00    | 4,60-22,40 | 6,35        | 3.15 | 6.24 |
|                        | GM-2803AT8P-E | HM561MUTP-E | 8  | 20,00    | 4,60-22,40 | 6,35        | 3.15 | 6.24 |
| Ducted                 | GM-2243AT8P-E | HM561BTP-E  | 8  | 20,00    | 4,60-22,40 | 6,17        | 3.24 | 5.58 |
|                        | GM-2803AT8P-E | HM801BTP-E  | 10 | 23,50    | 4,60-27,00 | 8,87        | 2.65 | 5.35 |
| Slim Duct              | GM-2243AT8P-E | RM561SDT-E  | 8  | 20,00    | 4,60-22,40 | 6,67        | 3.00 | 5.72 |
|                        | GM-2243AT8P-E | HM561CTP-E  | 8  | 20,00    | 4,60-22,40 | 6,17        | 3.24 | 5.92 |
| Ceiling                | GM-2803AT8P-E | HM801CTP-E  | 10 | 23,50    | 4,60-27,00 | 8,97        | 2.62 | 5.38 |
|                        | GM-2243AT8P-E | HM561FT-E   | 8  | 20,00    | 4,60-22,40 | 6,17        | 3.24 | 5.32 |
| Floor Standing         | GM-2803AT8P-E | HM561FT-E   | 10 | 23,50    | 4,60-27,00 | 8,87        | 2.65 | 5.12 |
|                        | GM-2243AT8P-E | HM561KRTP-E | 8  | 20,00    | 4,60-22,40 | 6,67        | 3.00 | 5.78 |
| Hi-Wall                | GM-2803AT8P-E | HM801KRTP-E | 10 | 23,50    | 4,60-27,00 | 9,22        | 2.55 | 5.45 |

### DOUBLE TWIN SPLIT BIG-DI - HEATING

| INDOOR UNIT MODEL      | OUTDOOR UNIT  | INDOOR UNIT | HP | Capacity |            | Power input | COP  | SCOP |
|------------------------|---------------|-------------|----|----------|------------|-------------|------|------|
|                        |               |             |    | Nominal  | Min. - Max |             |      |      |
|                        | RAV-          | RAV-        |    | kW       | kW         | kW          |      |      |
| 4-Way Cassette         | GM-2243AT8P-E | HM561UTP-E  | 8  | 22,40    | 4,60-25,00 | 5,30        | 4.23 | 4.06 |
|                        | GM-2803AT8P-E | HM801UTP-E  | 10 | 27,00    | 4,60-31,50 | 7,10        | 3.80 | 3.91 |
| Compact 4-Way Cassette | GM-2243AT8P-E | HM561MUT-E  | 8  | 22,40    | 4,60-25,00 | 6,12        | 3.66 | 4.04 |
|                        | GM-2803AT8P-E | HM561MUTP-E | 8  | 22,40    | 4,60-25,00 | 6,12        | 3.66 | 4.04 |
| Ducted                 | GM-2243AT8P-E | HM561BTP-E  | 8  | 22,40    | 4,60-25,00 | 5,57        | 4.02 | 3.76 |
|                        | GM-2803AT8P-E | HM801BTP-E  | 10 | 27,00    | 4,60-31,50 | 7,46        | 3.62 | 3.67 |
| Slim Duct              | GM-2243AT8P-E | RM561SDT-E  | 8  | 22,40    | 4,60-25,00 | 6,12        | 3.66 | 3.88 |
|                        | GM-2243AT8P-E | HM561CTP-E  | 8  | 22,40    | 4,60-25,00 | 5,71        | 3.92 | 3.81 |
| Ceiling                | GM-2803AT8P-E | HM801CTP-E  | 10 | 27,00    | 4,60-31,50 | 7,56        | 3.57 | 3.67 |
|                        | GM-2243AT8P-E | HM561FT-E   | 8  | 22,40    | 4,60-25,00 | 5,63        | 3.98 | 3.61 |
| Floor Standing         | GM-2803AT8P-E | HM561FT-E   | 10 | 27,00    | 4,60-31,50 | 8,21        | 3.29 | 3.59 |
|                        | GM-2243AT8P-E | HM561KRTP-E | 8  | 22,40    | 4,60-25,00 | 6,12        | 3.66 | 3.78 |
| Hi-Wall                | GM-2803AT8P-E | HM801KRTP-E | 10 | 27,00    | 4,60-31,50 | 7,65        | 3.53 | 3.65 |



## RAV-CT AIR CURTAINS



**Capacity**  
8,00kW-16,00kW



**Operation**  
-20°C/+46°C

## The ultimate heat barrier!

Air Curtains are designed to be positioned above an entrance, providing a thermal curtain, which separates the outdoor and indoor environments. This historically has been produced by electrical heaters, however, it is now possible to use a Toshiba heat pump system, with the added benefit of improved energy savings.



### FEATURES



#### Energy Savings

- Stop drafts and reduces infiltration of outdoor air into the heated or air-conditioned area
- EC motors compliant with ERP lot 11



#### Functionality

- Provides a pleasant entrance to customers, whilst ensuring undesirable smells, contaminants and small insects are kept outside of the conditioned space



#### Comfort

- By preventing the conditioned air to leave the building, or be affected by incoming air from outside, the comfort levels inside the building are maintained, making it a more pleasant area for staff members and customers



#### Adaptability

- Suitable for installation in the ceiling space above the door, only the inlet grill and discharge outlet will be visible
- Available indoor widths from 1m to 2.5m



## TECHNICAL CHARACTERISTICS

### AIR CURTAIN FREE-HANGING UNIT (CH)

| MODEL CODE    | Outdoor Sizing<br>HP | Heating Capacity<br>kW | airflow rate<br>m³/h | Power Input<br>Fan only<br>kW | Door Width<br>mm | Max Door Height<br>m | Unit Weight<br>Kg | Sound Pressure<br>dBA |
|---------------|----------------------|------------------------|----------------------|-------------------------------|------------------|----------------------|-------------------|-----------------------|
| RAV-CT101CH-M | 3                    | 8,00                   | 1.600                | 0,35                          | 1.000            | 3                    | 48                | 54                    |
| RAV-CT101CH-L | 3                    | 8,00                   | 2.210                | 0,53                          | 1.000            | 3.20                 | 51                | 55                    |
| RAV-CT151CH-M | 4                    | 11,20                  | 2.400                | 0,53                          | 1.500            | 3                    | 77                | 55                    |
| RAV-CT151CH-L | 4                    | 11,20                  | 2.950                | 0,70                          | 1.500            | 3.20                 | 80                | 56                    |
| RAV-CT201CH-M | 5                    | 14,00                  | 3.200                | 0,70                          | 2.000            | 3                    | 101               | 56                    |
| RAV-CT201CH-L | 5                    | 14,00                  | 4.420                | 1,05                          | 2.000            | 3.20                 | 107               | 57                    |
| RAV-CT251CH-M | 6                    | 16,00                  | 4.000                | 0,88                          | 2.500            | 3                    | 132               | 57                    |
| RAV-CT251CH-L | 6                    | 16,00                  | 5.160                | 1,23                          | 2.500            | 3.20                 | 138               | 58                    |

### AIR CURTAIN CASSETTE UNIT (UH)

| MODEL CODE    | Outdoor Sizing<br>HP | Heating Capacity<br>kW | airflow rate<br>m³/h | Power Input<br>Fan only<br>kW | Door Width<br>mm | Max Door Height<br>m | Unit Weight<br>Kg | Sound Pressure<br>dBA |
|---------------|----------------------|------------------------|----------------------|-------------------------------|------------------|----------------------|-------------------|-----------------------|
| RAV-CT101UH-M | 3                    | 8,00                   | 1.600                | 0,35                          | 1.000            | 3                    | 40                | 54                    |
| RAV-CT101UH-L | 3                    | 8,00                   | 2.210                | 0,53                          | 1.000            | 3.20                 | 43                | 55                    |
| RAV-CT151UH-M | 4                    | 11,20                  | 2.400                | 0,53                          | 1.500            | 3                    | 95                | 55                    |
| RAV-CT151UH-L | 4                    | 11,20                  | 2.950                | 0,70                          | 1.500            | 3.20                 | 98                | 56                    |
| RAV-CT201UH-M | 5                    | 14,00                  | 3.200                | 0,70                          | 2.000            | 3                    | 99                | 56                    |
| RAV-CT201UH-L | 5                    | 14,00                  | 4.420                | 1,05                          | 2.000            | 3.20                 | 105               | 57                    |
| RAV-CT251UH-M | 6                    | 16,00                  | 4.000                | 0,88                          | 2.500            | 3                    | 120               | 57                    |
| RAV-CT251UH-L | 6                    | 16,00                  | 5.160                | 1,23                          | 2.500            | 3.20                 | 126               | 58                    |

### AIR CURTAIN BUILT-IN UNIT (BH)

| MODEL CODE    | Outdoor Sizing<br>HP | Heating Capacity<br>kW | airflow rate<br>m³/h | Power Input<br>Fan only<br>kW | Door Width<br>mm | Max Door Height<br>m | Unit Weight<br>Kg | Sound Pressure<br>dBA |
|---------------|----------------------|------------------------|----------------------|-------------------------------|------------------|----------------------|-------------------|-----------------------|
| RAV-CT101BH-M | 3                    | 8,00                   | 1.600                | 0,35                          | 1.000            | 3                    | 71                | 54                    |
| RAV-CT101BH-L | 3                    | 8,00                   | 2.210                | 0,53                          | 1.000            | 3.20                 | 74                | 55                    |
| RAV-CT151BH-M | 4                    | 11,20                  | 2.400                | 0,53                          | 1.500            | 3                    | 105               | 55                    |
| RAV-CT151BH-L | 4                    | 11,20                  | 2.950                | 0,70                          | 1.500            | 3.20                 | 108               | 56                    |
| RAV-CT201BH-M | 5                    | 14,00                  | 3.200                | 0,70                          | 2.000            | 3                    | 129               | 56                    |
| RAV-CT201BH-L | 5                    | 14,00                  | 4.420                | 1,05                          | 2.000            | 3.20                 | 135               | 57                    |
| RAV-CT251BH-M | 6                    | 16,00                  | 4.000                | 0,88                          | 2.500            | 3                    | 170               | 57                    |
| RAV-CT251BH-L | 6                    | 16,00                  | 5.160                | 1,23                          | 2.500            | 3.20                 | 176               | 58                    |

### OUTDOOR UNITS COMBINATION

| MODEL CODE (CH / UH / BH) | Door Width<br>mm | Max Door Height<br>m | D13 - Single phase | SDI - Single phase | D14 - Single phase | SDI - Three phases |
|---------------------------|------------------|----------------------|--------------------|--------------------|--------------------|--------------------|
| RAV-CT101**-L             | 1.000            | 3.20                 | -                  | RAV-GP801ATW-E     | RAV-GM801ATP-E     | -                  |
| RAV-CT101**-M             | 1.000            | 3                    | -                  | RAV-GP801ATW-E     | RAV-GM801ATP-E     | -                  |
| RAV-CT151**-L             | 1.500            | 3.20                 | -                  | RAV-GP1101AT-E     | RAV-GM1101ATP-E    | RAV-GP1101AT8-E    |
| RAV-CT151**-M             | 1.500            | 3                    | -                  | RAV-GP1101AT-E     | RAV-GM1101ATP-E    | RAV-GP1101AT8-E    |
| RAV-CT201**-L             | 2.000            | 3.20                 | -                  | RAV-GP1401AT-E1    | RAV-GM1401ATP-E1   | RAV-GP1401AT8-E1   |
| RAV-CT201**-M             | 2.000            | 3                    | -                  | RAV-GP1401AT-E1    | RAV-GM1401ATP-E1   | RAV-GP1401AT8-E1   |
| RAV-CT251**-L             | 2.500            | 3.20                 | RAV-GM1601ATP-E    | -                  | -                  | RAV-GP1601AT8-E    |
| RAV-CT251**-M             | 2.500            | 3                    | RAV-GM1601ATP-E    | -                  | -                  | RAV-GP1601AT8-E    |



# AHI CARRIER SEE

**AHI CARRIER SEE** represents the commercial activities of **AHI CARRIER FZC** in Southeastern Europe, based in Greece. With offices in Athens, Thessaloniki, Bulgaria, and Romania, the company ensures immediate and effective customer service in the nine countries under its responsibility.

AHI CARRIER SEE offers a wide range of heating, air conditioning, and refrigeration solutions under Carrier and Toshiba brands. With specialization and experience in the field, it provides tailored proposals for residential, commercial, and industrial applications. The advanced solutions offered by the company aim for optimal energy efficiency throughout the building's lifecycle.

AHI CARRIER SEE has a dedicated team of trained professionals who provide high-quality after-sales support, ensuring maximum customer satisfaction and safety. The company offers a comprehensive range of customized services to address various needs, including repairs, maintenance, and technical support.

Through the **Totaline** store, **AHI CARRIER SEE** caters to all industry professionals by offering from basic tools to specialized equipment for advanced applications. The catalog includes spare parts for **Carrier & Toshiba** products, equipment, and tools for residential, commercial, and industrial applications.

**AHI Carrier FZC** is a joint venture between **Air-Conditioning & Heating International (AHI)** and **Carrier Corporation**, founded in 2008. The collaboration strengthens its presence in markets, accessing Carrier Corporation's innovative technologies through AHI's extensive network of partners.

AHI Carrier FZC distributes Carrier Corporation's brands in Southeastern and Central Europe, Russia, the CIS countries, New Zealand, Central and Southern Africa, and parts of the Middle East."

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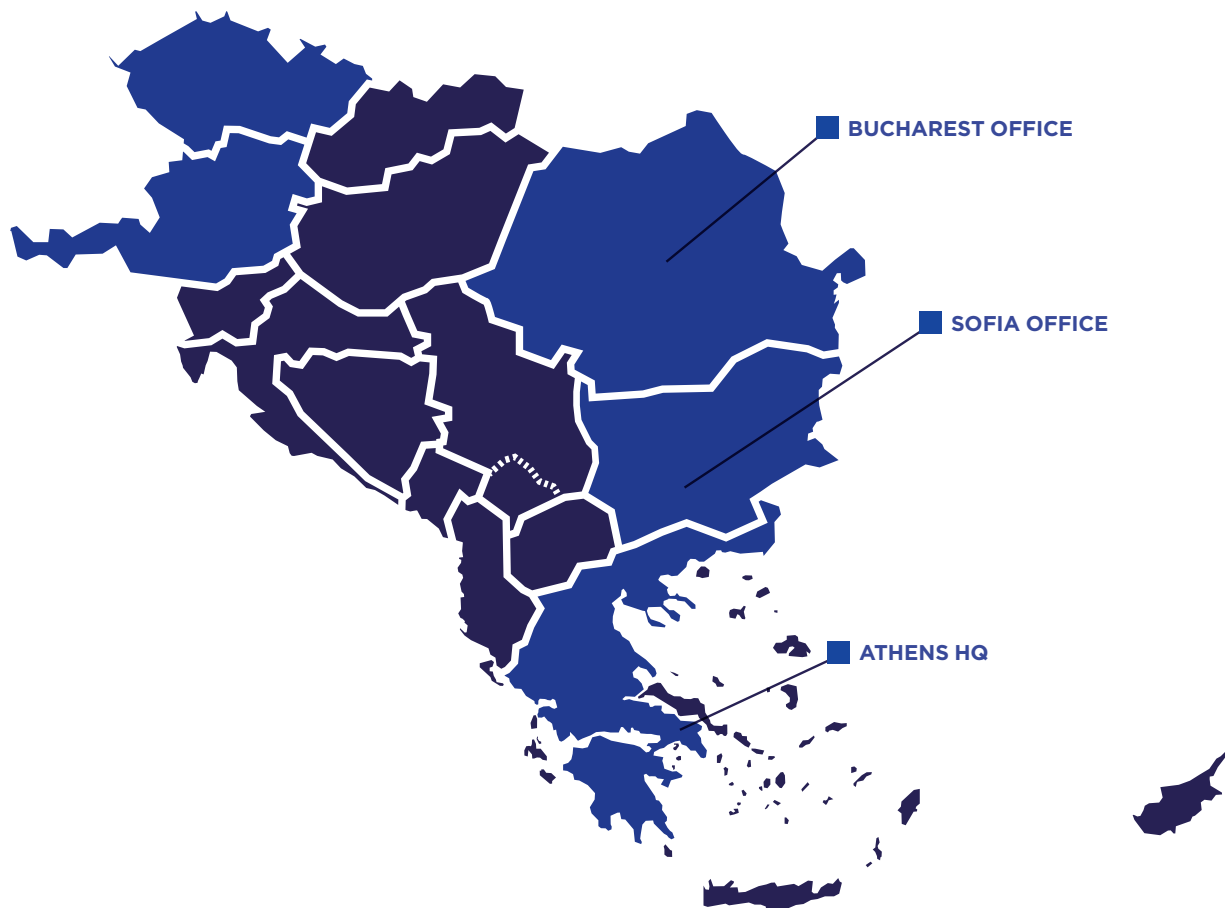


**AHI CARRIER SEE** has its Headquarters in Athens and affiliated offices in Sofia and Bucharest.

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