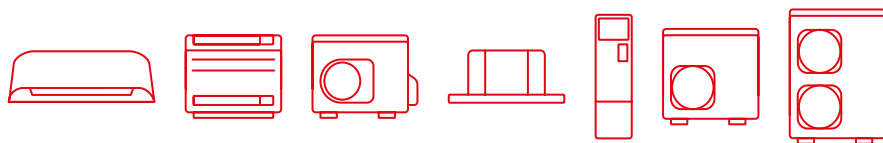


TOSHIBA

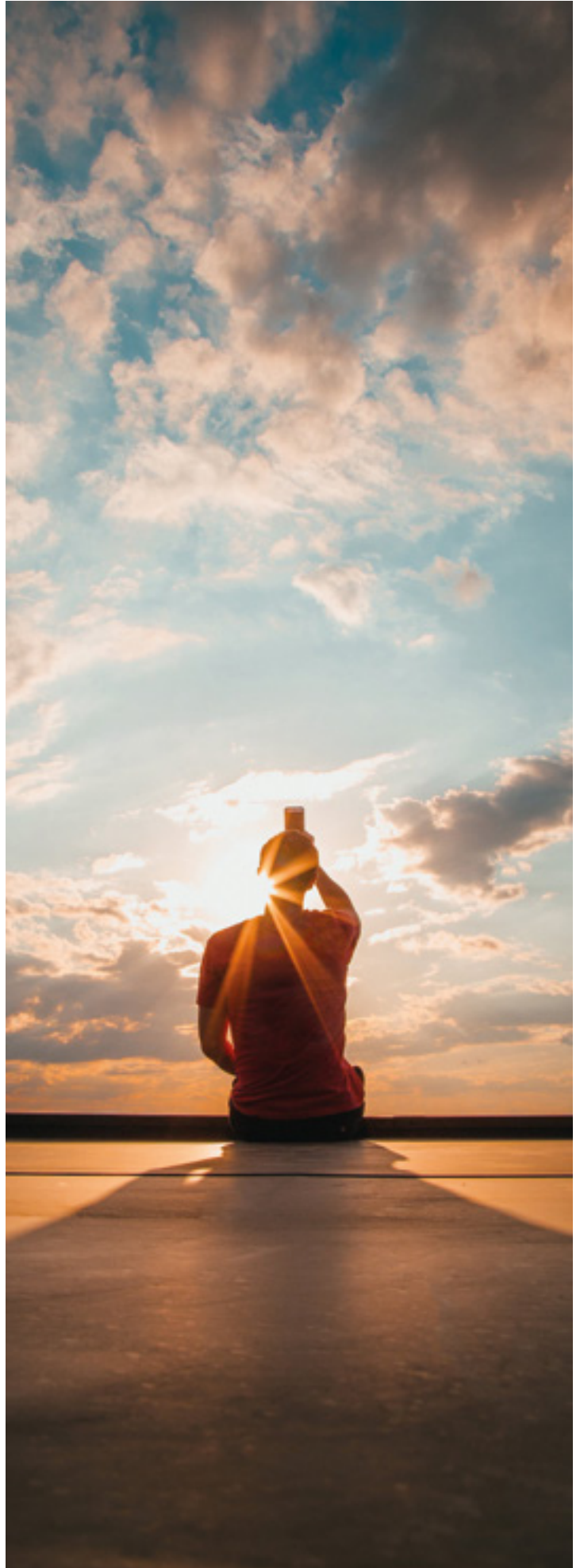
EXPERIENCE THE FUTURE OF AIR CONDITIONING



RESIDENTIAL & LIGHT COMMERCIAL UNITS

2024

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

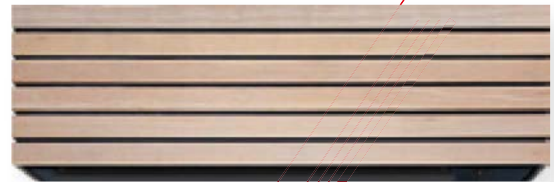


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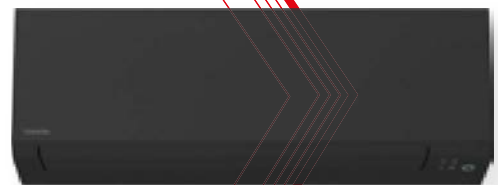
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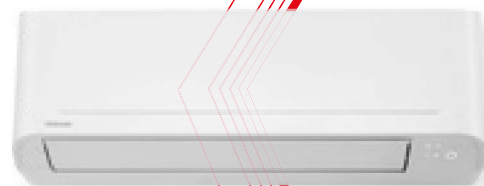
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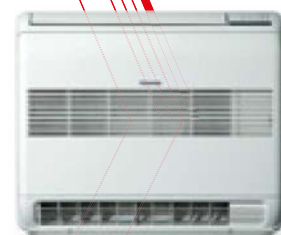
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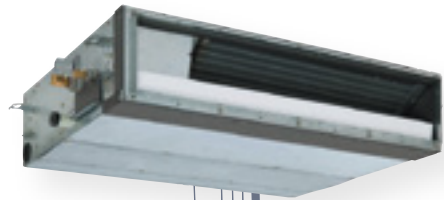
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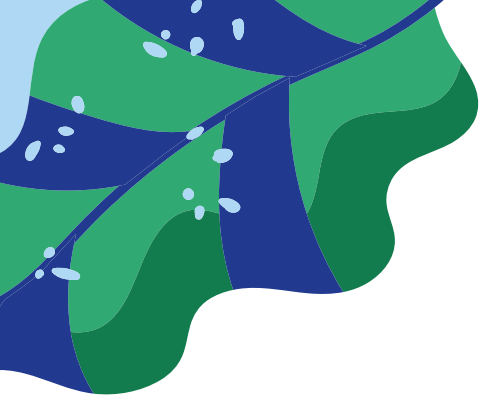
A Unique Journey towards Innovation



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

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

www.heatpumpkeymark.com



Better Air Solutions for a better world

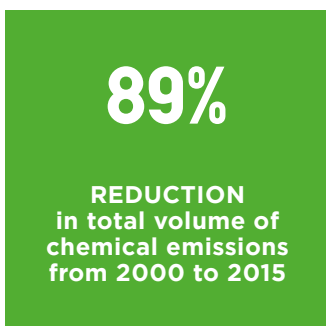
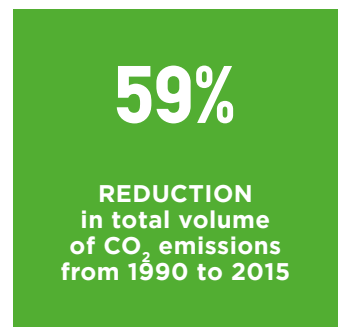
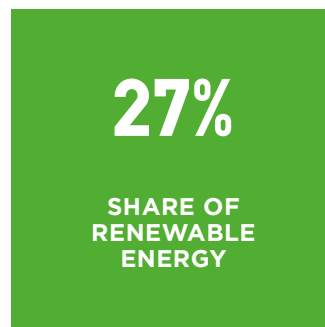


At Toshiba, we've always made sure our projects and objectives are designed with a better future in mind.

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.

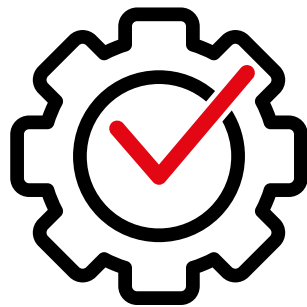


Concurrently, Toshiba Group is also conducting group-wide environmental activities based on the recognition of the importance of maintaining and expanding environments for conserving biodiversity.



Only excellence can be named **Toshiba**

Products
designed
to perform



Engineered
to perfection

DIGITAL DC TWIN-ROTARY INVERTER COMPRESSOR

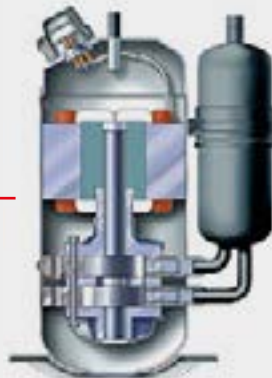
Ensures a steady rotation speed
and reduces any unwanted vibration.

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 CO₂ 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!**

The image shows a smartphone screen displaying the Toshiba Home AC Control app interface. The app has a teal background and various control buttons. Red callout lines point to specific features on the screen, each with a corresponding text label. The app interface includes a 'Room name' field, a power button, a timer button, mode selection buttons (Auto, Cool, Dry, Heat, Fan only), a temperature display (27°C and 26°C), fan speed control (AUTO), louver swing control, and function buttons (ECO, HI POWER, PURE, 8°C, FLOOR). The bottom of the screen shows the Android navigation bar.

Power ON/OFF

MODE selection:
Auto, Cool, Dry, Heat,
Fan only

Temperature setting:
(17°C to 30°C)

Airflow control
Auto or Fan speed
(6 speeds)

**Toshiba's Merit
features:**
ECO, POWER SEL, 8°C,
Hi-POWER, Fireplace,
Silent CDU, PURE, Floor

Weekly Timer Setup

Timer ON/OFF Setup

Louver Vertical Swing

IDU Quiet
(ultra-low fan speed)

Silend CDU



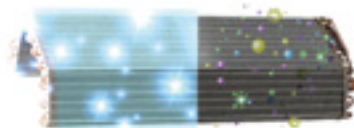
AIR QUALITY

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.

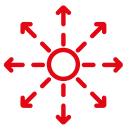
Silent and Quiet functions control noise level, that can reach 19dB(A) for the indoor unit. Even lower than the sound of wind-rustled leaves!



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 (μm).



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.

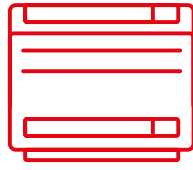
RESIDENTIAL UNITS

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!





INVERTER HI-WALL

TOSHIBA



DAISEIKAI 10 WOOD



Plasma Air Purifier (Ionizer)



Digital DC Twin-Rotary Inverter



Strong defrost

Innovative design, state-of-the-art technology

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+++
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++
SCOP (warmer)		6.20	6.20	6.50
Energy efficiency class (warmer)		H	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



INVERTER HI-WALL

TOSHIBA

DAISEIKAI 10 WHITE



Plasma Air Purifier (Ionizer)



Digital DC Twin-Rotary Inverter



Strong defrost

Innovative design, state-of-the-art technology

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.



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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



INVERTER HI-WALL

TOSHIBA

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 fabric 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



INVERTER HI-WALL

TOSHIBA

EDGE BLACK



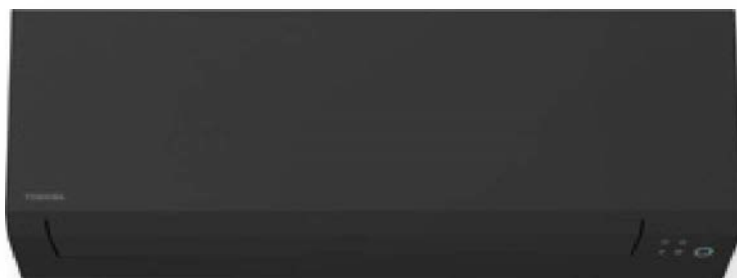
Ultra Pure Filter



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-E	RAS-22J2AVSG-E	RAS-24J2AVSG-E
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-E1
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



INVERTER HI-WALL

TOSHIBA



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



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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-E1
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

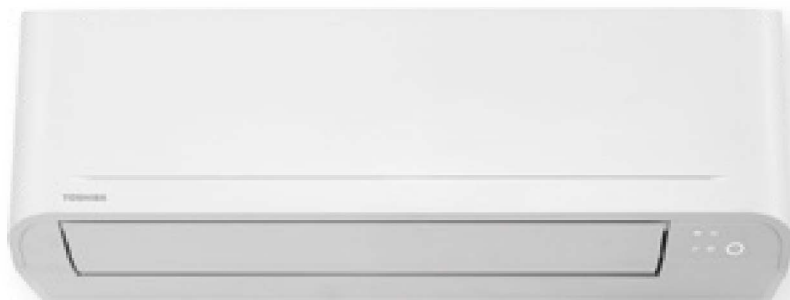
PHYSICAL DATA OUTDOOR

OUTDOOR UNIT		RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1	RAS-18J2AVSG-E1	RAS-22J2AVSG-E1	RAS-24J2AVSG-E1
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



YUKAI



Ultra Fresh Filter



Low Noise Level



8°C Heating Mode

Freshness & efficiency in silent mode

YUKAI is a silent solution that uses the new Toshiba Inverter and Compressor technologies with R-32 to offer A++ cooling and heating performances, leading to true energy savings and year-round comfort.



FEATURES



Ultra-Fresh filter captures up to 85% of PM2.5 creating healthy living spaces at home



Ultra-quiet system down to 19dB(A) - indoor



Silent operation down to 42dB(A) - outdoor



Wi-Fi Ready



High Power Extra airflow to rapidly reach your desired temperature setting



Self-cleaning function. When shutdown the unit automatically starts the Self-Cleaning operation, the louvre opens slightly. The indoor unit fan operates continuously



Fix & Swing. Select your optimum airflow from a range of Fixed and Swing louvre positions



Silent CDU #1 & #2. Toshiba's unique noise reduction function of outdoor unit for your neighbourhood comfort

TECHNICAL CHARACTERISTICS

PERFORMANCE DATA

OUTDOOR UNIT		RAS-07E2AVG-E	RAS-10E2AVG-E	RAS-13E2AVG-E	RAS-16E2AVG-E	RAS-18E2AVG-E	RAS-24E2AVG-E
INDOOR UNIT		RAS-B07E2KVG-E	RAS-B10E2KVG-E	RAS-B13E2KVG-E	RAS-B16E2KVG-E	RAS-B18E2KVG-E	RAS-B24E2KVG-E
Cooling capacity	kW	2,00	2,50	3,30	4,20	5,00	6,50
Cooling capacity	BTU/H	6.824	8.530	11.260	14.3031	17.061	22.179
Cooling range (min.-max.)	kW	0,76-2,60	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	2.593-8.872	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 0,20-0,53-0,83	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	3.77	3.57	3.00	3.31	3.33	2.89
SEER		6.90	7.00	7.00	7.00	7.00	6.90
Energy efficiency class		C A++	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWH/a	C 101	125	165	210	250	330
Heating capacity	kW	2,50	3,20	3,60	5,00	5,40	7,00
Heating capacity	BTU/H	8.530	10.919	12.284	17.061	18.426	23.885
Heating range (min.-max.)	kW	0,82-3,30	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	2.798-11.260	3.242-13.307	3.110-15.3055	4.436-20.473	4.606-20.473	5.1018-27.638
Power input (min.-rated-max.)	kW	H 0,16-0,64-0,94	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	3.91	3.72	3.91	3.73	3.60	3.33
SCOP (average)		4.60	4.60	4.60	4.60	4.40	4.30
Energy efficiency class (average)		H A++	A++	A++	A++	A+	A+
SCOP (warmer)		5.34	5.38	5.40	5.57	5.62	5.35
Energy efficiency class (warmer)		H A+++	A+++	A+++	A+++	A+++	A+++
Seasonal electricity consumption	kWH/a	H 609	730	822	1.095	1.209	1.757

PHYSICAL DATA INDOOR

INDOOR UNIT		RAS-B07E2KVG-E	RAS-B10E2KVG-E	RAS-B13J2KVGSG-E	RAS-B16E2KVG-E	RAS-B18E2KVG-E	RAS-B24E2KVG-E
Airflow (h)	m³/h-l/s	C 500-140	510-142	540-152	750-208	790-222	1.070-298
Airflow (l)	m³/h-l/s	C 209-58	233-64	259-72	330-92	480-133	666-185
Sound pressure level (h/q)	dB(A)	C 38/19	39/19	41/20	43/21	47/26	48/29
Sound power level (h)	dB(A)	C 51	52	54	56	60	61
Airflow (h)	m³/h-l/s	H 500-140	510-144	560-158	760-213	840-233	860-234
Airflow (l)	m³/h-l/s	H 209-58	233-64	271-75	340-94	500-139	730-203
Sound pressure level (h/q)	dB(A)	H 38/19	39/20	42/20	43/22	48/26	48/29
Sound power level (h)	dB(A)	H 51	52	55	56	61	61
Dimensions (H×W×D)	mm	288×770×225	288×770×225	288×770×225	293×798×230	293×798×230	320×1.050×250
Weight	Kg	9	9	9	9	9	15

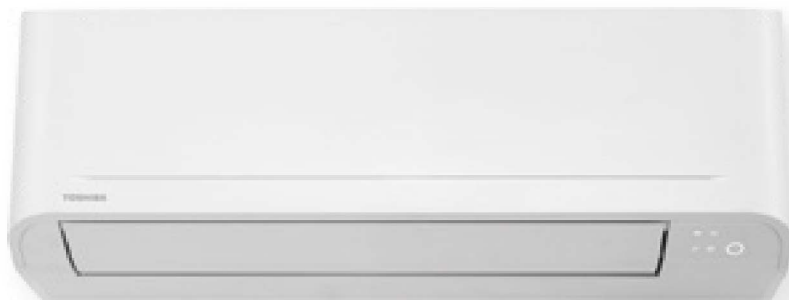
PHYSICAL DATA OUTDOOR

OUTDOOR UNIT		RAS-07E2AVG-E	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	1.800-500	1.980-550	2.160-600	2.160-600	2.220-617
Sound pressure level (h)	dB(A)	C 47	47	48	50	50	54
Sound pressure level (silent CDU#2)	dB(A)	C 42	43	43	43	44	49
Sound power level (h)	dB(A)	C 60	60	61	63	63	67
Sound power level (silent CDU#2)	dB(A)	C 55	56	56	56	57	62
Operating range	°C	C -15-46	-15-46	-15-46	-15-46	-15-46	-15-46
Airflow (max)	m³/h-l/s	H 1.800-500	1.800-500	1.980-550	2.160-600	2.160-600	2.220-617
Sound pressure level (h)	dB(A)	H 49	49	49	51	51	54
Sound pressure level (silent CDU#2)	dB(A)	H 42	43	43	46	46	49
Sound power level (h)	dB(A)	H 62	62	62	64	64	67
Sound power level (silent CDU#2)	dB(A)	H 55	56	56	59	59	62
Operating range	°C	H -15-24	-15-24	-15-24	-15-24	-15-24	-15-24
Dimensions (H×W×D)	mm	530×660×240	530×660×240	530×660×240	550×780×290	550×780×290	550×780×290
Weight	Kg	21	22	22	30	34	38
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin-Rotary
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"
Minimum pipe length	m	2	2	2	2	2	2
Maximum pipe length	m	15	15	15	20	20	20
Maximum height difference	m	12	12	12	12	12	12
Chargeless pipe length	m	15	15	15	15	15	15
Refrigerant charging (R-32)	Kg	0.34	0.49	0.54	0.68	0.93	1.18
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

C = Cooling Mode H = Heating Mode



SUMATO



On Demand Defrost



Dust Filter



Self-Cleaning

Comfort and new technologies

Our goal is to ensure you can enjoy comfort and peace of mind at all times by offering products with world-class reliability. The same is true for the new SUMATO with the latest heat pump technology at its core.



FEATURES



Hi Power for faster cooling



On Demand Defrost Heating even in the harshest part of winter



Quiet indoor unit mode down to 19dB(A)*



Silent outdoor unit mode down to 45dB(A)*



Self-cleaning function. When the air conditioner is turned off, the internal fan activates and dries the moisture in the coil for 30 minutes, then turns off automatically, maintaining the coil condition and maximising performance as well as efficiency



Discretion: Invisible piping pre-cut marks to fully enjoy the timeless white elegance and flawless design of SUMATO



Compactness: With a width of just 770mm, SUMATO offers a wide range of installation options, including the limited space above a door for maximized space availability within the room



Coated coil: Helps prevent water and dust from sticking to the coil. As the coil keeps clean, energy efficiency is maintained, and healthy, odourless air is circulated through the unit



Wi-Fi Ready



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

*Noise pressure level at 1m

TECHNICAL CHARACTERISTICS

PERFORMANCE DATA

OUTDOOR UNIT		RAS-07B2AVG-E	RAS-10B2AVG-E	RAS-13B2AVG-E	RAS-16B2AVG-E	RAS-18B2AVG-E	RAS-24B2AVG-E
INDOOR UNIT		RAS-B07B2KVG-E	RAS-B10B2KVG-E	RAS-B13B2KVG-E	RAS-B16B2KVG-E	RAS-B18B2KVG-E	RAS-B24B2KVG-E
Cooling capacity	kW	2,00	2,50	3,30	4,20	5,00	6,50
Cooling capacity	BTU/H	6.824	8.530	11.260	14.3031	17.061	22.179
Cooling range (min.-max.)	kW	0,76-2,40	0,80-3,00	1,00-3,60	1,10-4,70	1,10-5,50	1,10-7,10
Cooling range (min.-max.)	BTU/H	2.593-8.189	2.730-10.236	3.412-12.284	3.753-16.037	3.753-18.767	3.753-24.226
Power input (min.-rated-max.)	kW	C 0,20-0,60-0,74	0,21-0,72-1,00	0,25-1,17-1,35	0,35-1,37-1,70	0,35-1,73-1,90	0,25-2,30-2,40
EER	W/W	3.33	3.47	2.82	3.07	2.89	2.83
SEER		6.10	6.10	6.10	6.10	6.10	6.10
Energy efficiency class		C A++	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWH/a	C 115	143	189	241	287	373
Heating capacity	kW	2,50	3,20	3,60	5,00	5,40	7,00
Heating capacity	BTU/H	8.530	10.919	11.260	14.3031	18.426	23.885
Heating range (min.-max.)	kW	0,76-3,30	0,76-3,90	0,76-4,50	0,85-6,00	1,10-6,00	1,20-8,10
Heating range (min.-max.)	BTU/H	2.593-11.260	2.593-13.307	2.593-15.355	2.900-16.037	3.753-20.473	4.095-24.226
Power input (min.-rated-max.)	kW	H 0,16-0,64-0,94	0,18-0,84-1,11	0,18-1,02-1,25	0,25-1,45-1,90	0,27-1,65-1,88	0,27-2,10-2,50
COP	W/W	3.91	3.81	3.53	3.45	3.27	3.33
SCOP (average)		4.00	4.00	4.00	4.00	4.00	4.00
Energy efficiency class (average)		H A+	A+	A+	A+	A+	A+
SCOP (warmer)		4.60	4.60	4.60	4.60	4.60	4.60
Energy efficiency class (warmer)		H A++	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWH/a	H 700	735	805	1.151	1.294	1.538

PHYSICAL DATA INDOOR

INDOOR UNIT		RAS-B07B2KVG-E	RAS-B10B2KVG-E	RAS-B13B2KVG-E	RAS-B16B2KVG-E	RAS-B18B2KVG-E	RAS-B24B2KVG-E
Airflow (h)	m³/h-l/s	C 490-136	620-172	650-180	760-212	790-219	1.070-298
Airflow (l)	m³/h-l/s	C 200-55	230-64	230-64	330-92	480-133	660-183
Sound pressure level (h/q)	dB(A)	C 40/19	41/19	42/20	44/22	47/26	48/29
Sound power level (h)	dB(A)	C 53	54	55	57	60	61
Airflow (h)	m³/h-l/s	H 500-140	620-172	620-172	760-212	840-233	860-239
Airflow (l)	m³/h-l/s	H 200-55	230-64	230-64	340-94	500-139	730-203
Sound pressure level (h/q)	dB(A)	H 39/19	40/20	42/2	43/23	48/26	48/29
Sound power level (h)	dB(A)	H 52	53	55	56	61	61
Dimensions (H×W×D)	mm	288×770×225	288×770×225	288×770×225	293×798×230	293×798×230	320×1.050×250
Weight	Kg	9	9	9	10	10	15

PHYSICAL DATA OUTDOOR

OUTDOOR UNIT		RAS-07B2AVG-E	RAS-10B2AVG-E	RAS-13B2AVG-E	RAS-16B2AVG-E	RAS-18B2AVG-E	RAS-24B2AVG-E
Airflow (max)	m³/h-l/s	C 1.800-500	1.800-500	1.980-550	2.160-600	2.160-600	2.220-617
Sound pressure level (h)	dB(A)	C 49	49	50	52	52	56
Sound pressure level (silent CDU#2)	dB(A)	C 44	45	45	45	46	51
Sound power level (h)	dB(A)	C 62	62	63	65	65	69
Sound power level (silent CDU#2)	dB(A)	C 57	58	58	58	59	64
Operating range	°C	C -10-46	-10-46	-10-46	-10-46	-10-46	-10-46
Airflow (max)	m³/h-l/s	H 1.800-500	1.800-500	1.980-550	2.160-600	2.160-600	2.220-617
Sound pressure level (h)	dB(A)	H 51	51	52	53	53	57
Sound pressure level (silent CDU#2)	dB(A)	H 44	45	45	47	48	51
Sound power level (h)	dB(A)	H 64	64	65	66	66	70
Sound power level (silent CDU#2)	dB(A)	H 57	58	58	60	61	64
Operating range	°C	H -10-24	-10-24	-10-24	-10-24	-10-24	-10-24
Dimensions (H×W×D)	mm	530×660×240	530×660×240	530×660×240	550×780×290	550×780×290	550×780×290
Weight	Kg	20	21	21	29	29	35
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin-Rotary
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"
Minimum pipe length	m	2	2	2	2	2	2
Maximum pipe length	m	10	10	10	15	15	15
Maximum height difference	m	8	8	8	8	8	8
Chargeless pipe length	m	10	10	10	10	10	10
Refrigerant charging (R-32)	Kg	0.44	0.49	0.54	0.68	0.93	1.23
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

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



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



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



Wi-Fi Ready



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



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



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

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



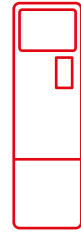
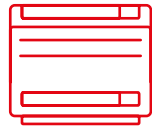
MULTI SPLIT SYSTEMS

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

Toshiba Indoor units are the embodiment of aesthetics & technology.

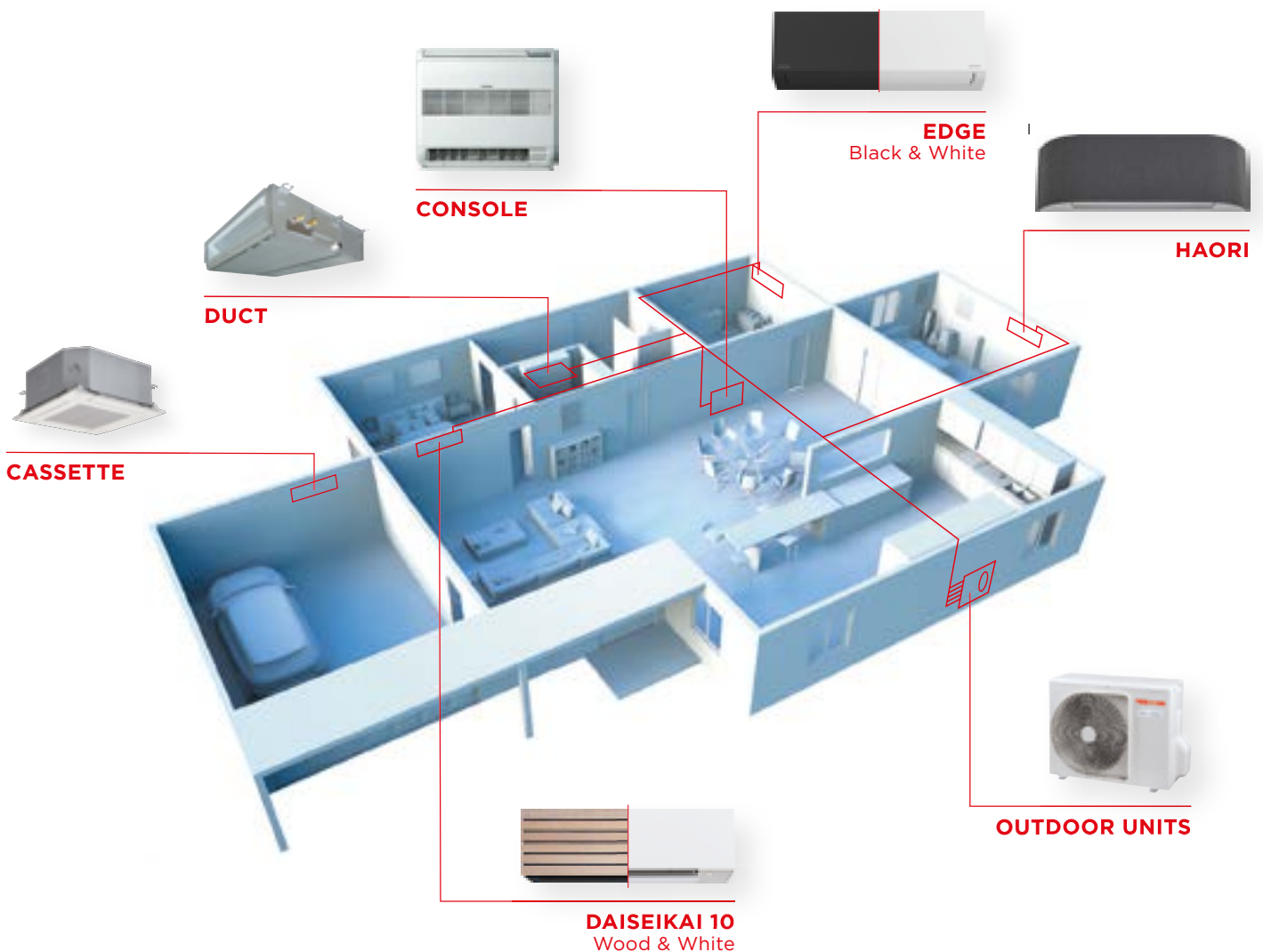
With advanced technology, flexibility, compact sizes, flowing lines and backlight finishing, they upgrade every home.





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

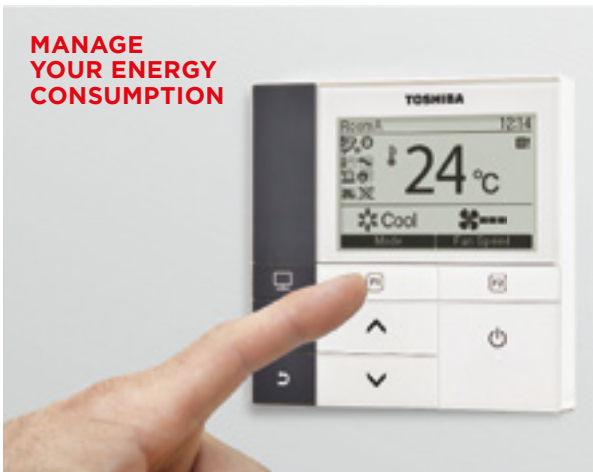
Flexibility guaranteed our premium solutions for large residential applications ensure minimum energy wastage.

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

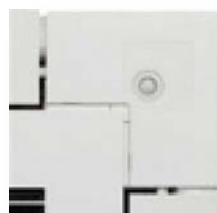
The Compact Cassette is an innovative product developed specifically for light commercial and business applications. It encapsulates the pinnacle of Toshiba's expertise in design, construction and control dedicated to optimum comfort, all year round.

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 RAS-B**S4KVDG-E	Refrigerant R-32				✓	✓		✓		
DAISEIKAI 10 WHITE RAS-B**S4KVPD-E	Refrigerant R-32				✓	✓		✓		
HAORI RAS-B**N4KVRG-E	Refrigerant R-32				✓	✓	✓			
EDGE BLACK RAS-B**G3KVSGB-E	Refrigerant R-32			✓	✓	✓	✓	✓	✓	✓
EDGE WHITE RAS-B**G3KVSF-E	Refrigerant R-32			✓	✓	✓	✓	✓	✓	✓
YUKAI RAS-B**E2KVG-E	Refrigerant R-32		✓	✓	✓	✓	✓	✓		✓
SUMATO RAS-B**B2KVG-E	Refrigerant R-32		✓	✓	✓	✓	✓	✓		✓
CONSOLE RAS-B**U2FVG-E	Refrigerant R-32				✓	✓		✓		
COMPACT CASSETTE RAS-M**U2MUVG-E	Refrigerant R-32				✓	✓	✓			
DUCTED RAS-M**U2DVG-E1	Refrigerant 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 RAS-2M10G3AVG-E CDU Cooling capacity: 3,30kW (1,25 - 3,90kW) CDU Heating capacity: 4,00kW (1,08 - 4,90kW)			✓	✓	✓					
2 Rooms RAS-2M14G3AVG-E CDU Cooling capacity: 4,00kW (1,60 - 4,90kW) CDU Heating capacity: 4,40kW (1,30 - 5,20kW)			✓	✓	✓	✓				
2 Rooms RAS-2M18G3AVG-E CDU Cooling capacity: 5,20kW (1,70 - 6,20kW) CDU Heating capacity: 5,60kW (1,30 - 7,50kW)			✓	✓	✓	✓	✓			
3 Rooms RAS-3M18G3AVG-E CDU Cooling capacity: 5,20kW (2,40 - 6,50kW) CDU Heating capacity: 6,80kW (1,90 - 8,00kW)			✓	✓	✓	✓	✓			
3 Rooms RAS-3M26G3AVG-E CDU Cooling capacity: 7,50kW (4,10 - 9,00kW) CDU Heating capacity: 9,00kW (2,00 - 11,20kW)			✓	✓	✓	✓	✓	✓	✓	✓
4 Rooms RAS-4M27G3AVG-E CDU Cooling capacity: 8,00kW (4,20 - 9,30kW) CDU Heating capacity: 9,00kW (2,90 - 11,70kW)			✓	✓	✓	✓	✓	✓	✓	✓
5 Rooms RAS-5M34G3AVG-E CDU Cooling capacity: 10,00kW (3,70 - 11,00kW) 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 RAS- 2M10G3AVG-E	2-room Multisplit RAS- 2M14G3AVG-E	2-room Multisplit RAS- 2M18G3AVG-E	3-room Multisplit RAS- 3M18G3AVG-E	3-room Multisplit RAS- 3M26G3AVG-E	4-room Multisplit RAS- 4M27G3AVG-E	5-room Multisplit RAS- 5M34G3AVG-E
Cooling capacity	kW	3,30	4,00	5,20	5,20	7,00	8,00	10,00
Cooling capacity (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 (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 RAS- 2M10G3AVG-E	2-room Multisplit RAS- 2M14G3AVG-E	2-room Multisplit RAS- 2M18G3AVG-E	3-room Multisplit RAS- 3M18G3AVG-E	3-room Multisplit RAS- 3M26G3AVG-E	4-room Multisplit RAS- 4M27G3AVG-E	5-room Multisplit RAS- 5M34G3AVG-E
Airflow	m ³ /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 Nominal @ 1m	dB(A)	C 47	46	48	48	49	50	52
Sound pressure level 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	m ³ /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 Nominal @ 1m	dB(A)	H 51	52	50	52	53	54	56
Sound pressure level 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 (per unit/total)	m	15/20	20/30	20/30	25/50	25/70	25/70	25/80
Maximum height 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

RAS-B10S4KVDG-E

RAS-B13S4KVDG-E

RAS-B18S4KVDG-E

INDOOR UNIT WHITE

RAS-B10S4KVPGE-E

RAS-B13S4KVPGE-E

RAS-B18S4KVPGE-E

Airflow	m ³ /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	m ³ /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

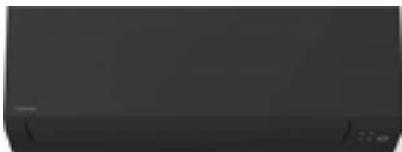
INDOOR UNIT

RAS-B10N4KVRG-E

RAS-B13N4KVRG-E

RAS-B16N4KVRG-E

Airflow (h)	m ³ /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)	m ³ /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

RAS-B10G3KVSGE-E

RAS-B13G3KVSGE-E

RAS-B16G3KVSGE-E

RAS-B18G3KVSGE-E

RAS-B22G3KVSGE-E

RAS-B24G3KVSGE-E

INDOOR UNIT WHITE

RAS-B10G3KVSGE-E

RAS-B13G3KVSGE-E

RAS-B16G3KVSGE-E

RAS-B18G3KVSGE-E

RAS-B22G3KVSGE-E

RAS-B24G3KVSGE-E

Airflow	m ³ /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	m ³ /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-B05E2KVG-E	RAS-B07E2KVG-E	RAS-B10E2KVG-E	RAS-B13E2KVG-E	RAS-B16E2KVG-E	RAS-B18E2KVG-E	RAS-B24E2KVG-E
Airflow	m ³ /h-l/s	C	480-134	500-140	510-142	540-150	750-208	790-220	1.070-298
Sound pressure level (h/q)	dB(A)	C	37/19	38/19	39/19	41/20	43/21	47/26	48/29
Sound power level (h)	dB(A)	C	50	51	52	54	56	60	61
Airflow	m ³ /h-l/s	H	480-134	500-140	510-144	560-158	760-212	840-233	860-239
Sound pressure level (h/q)	dB(A)	H	37/19	38/19	39/20	42/20	43/22	48/26	48/29
Sound power level (h)	dB(A)	H	50	51	52	55	56	61	61
Dimensions (H×W×D)	mm		288×770×225	288×770×225	288×770×225	288×770×225	293×798×230	293 x 798 x 230	320x1.050x250
Weight	Kg		9	9	9	9	9	9	15
Flare connections (gas-liquid)			3/8"-1/4"	3/8"-1/4"	3/8"-1/4"	3/8"-1/4"	1/2"-1/4"	1/2"-1/4"	1/2"-1/4"



SUMATO

INDOOR UNIT			RAS-B05B2KVG-E	RAS-B07B2KVG-E	RAS-B10B2KVG-E	RAS-B13B2KVG-E	RAS-B16B2KVG-E	RAS-B18B2KVG-E	RAS-B24B2KVG-E
Airflow	m ³ /h-l/s	C	480-134	490-136	620-172	650-180	760-212	790-219	1.070-298
Sound pressure level (h/q)	dB(A)	C	39/19	40/19	41/19	42/20	44/22	47/26	48/29
Sound power level (h)	dB(A)	C	52	53	54	55	57	60	61
Airflow	m ³ /h-l/s	H	480-134	500-140	620-172	620-172	760-212	840-233	860-239
Sound pressure level (h/q)	dB(A)	H	38/19	39/19	40/20	42/20	43/23	48/26	48/29
Sound power level (h)	dB(A)	H	51	52	53	55	56	61	61
Dimensions (H×W×D)	mm		288×770×225	288×770×225	288×770×225	288×770×225	293×798×230	293×798×230	320×1.050×250
Weight	Kg		9	9	9	9	10	10	15
Flare connections (gas-liquid)			3/8"-1/4"	3/8"-1/4"	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	m ³ /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	m ³ /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-M10U2MUVG-E	RAS-M13U2MUVG-E	RAS-M16U2MUVG-E
Airflow	m ³ /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	m ³ /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	m ³ /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	m ³ /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 (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

C = Cooling Mode H = Heating Mode



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.			
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	-	-	-	-
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
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	-	-	-	-	-	-
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.			
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	-	-	-	-
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
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	-	-	-	-	-	-
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.			
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.			
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	-	-	-	-
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++
	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
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+++	

COOLING MODE



RAS MULTI INDOOR UNITS

RAS-3M18G3AVG-E - PERFORMANCES DATA TRI-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 C	Unit A	Unit B	Unit C	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	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	-	-	-	-	-	-	-
	24	-	-	8,00	-	-	1,92	8,00	8,80	360	1,850	2,260	-	-	-	-	-	-	-
2 units operation	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	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	-	-	-	-
24	-	-	-	7,00	-	-	-	1,91	7,00	7,70	350	1.670	2.170	-	-	-	-	
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.			
3 units operation	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++	

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.			
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++	

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	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	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	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	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) 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																			
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
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	-	-	2,45	9,60	11,40	950	2,410	2,720	11,30	9,6	7,30	A++
	18	13	05	-	-	5,00	3,50	1,50	-	-	2,50	10,00	11,50	950	2,430	2,760	11,75	10,0	7,30	A++
	22	13	05	-	-	5,50	3,15	1,35	-	-	2,50	10,00	11,50	950	2,430	2,760	11,75	10,0	7,30	A++
	24	13	05	-	-	5,83	2,92	1,25	-	-	2,50	10,00	11,50	950	2,430	2,760	11,75	10,0	7,30	A++
	16	16	05	-	-	4,30	4,30	1,40	-	-	2,50	10,00	11,50	950	2,430	2,760	11,75	10,0	7,30	A++
	18	16	05	-	-	4,50	4,14	1,35	-	-	2,50	10,00	11,50	950	2,430	2,760	11,75	10,0	7,30	A++
	22	16	05	-	-	5,00	3,77	1,23	-	-	2,50	10,00	11,50	950	2,440	2,780	11,75	10,0	7,30	A++
	24	16	05	-	-	5,34	3,51	1,15	-	-	2,50	10,00	11,50	950	2,440	2,780	11,75	10,0	7,30	A++
	18	18	05	-	-	4,35	4,35	1,30	-	-	2,50	10,00	11,50	950	2,430	2,760	11,75	10,0	7,30	A++
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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	7,00	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	11,21	9,5	7,10	A++		
22	05	05	05	-	5,75	1,42	1,42	1,42	-	2,50	10,00	11,50	930	2,720	2,850	11,75	10,0	7,20	A++		
24	05	05	05	-	6,09	1,30	1,30	1,30	-	2,50	10,00	11,50	930	2,730	2,880	11,75	10,0	7,20	A++		
07	07	05	05	-	2,00	2,00	1,50	1,50	-	2,12	7,00	9,80	930	2,200	2,540	8,41	7,0	6,60	A++		
10	07	05	05	-	2,50	2,00	1,50	1,50	-	2,18	7,50	10,10	930	2,460	2,730	8,99	7,5	6,70	A++		
13	07	05	05	-	3,50	2,00	1,50	1,50	-	2,31	8,50	11,00	930	2,660	2,810	10,10	8,5	6,90	A++		
16	07	05	05	-	4,60	2,00	1,50	1,50	-	2,45	9,60	11,50	930	2,720	2,840	11,30	9,6	7,20	A++		
18	07	05	05	-	5,00	2,00	1,50	1,50	-	2,50											

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	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	2,970	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	2,850	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	2,830	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	A++		
16	10	07	07	-	4,14	2,25	1,80	1,80	-	2,50	10,00	11,50	940	2,730	2,880	11,75	10,0	7,30	A++		
18	10	07	07	-	4,35	2,17	1,74	1,74	-	2,50	10,00	11,50	940	2,730	2,880	11,75	10,0	7,20	A++		
22	10	07	07	-	4,84	1,98	1,59	1,59	-	2,50	10,00	11,50	950	2,740	2,900	11,75	10,0	7,20	A++		
24	10	07	07	-	5,19	1,85	1,48	1,48	-	2,50	10,00	11,50	950	2,740	2,900	11,75	10,0	7,20	A++		
13	13	07	07	-	3,18	3,18	1,82	1,82	-	2,50	10,00	11,50	940	2,730	2,880	11,75	10,0	7,30	A++		
16	13	07	07	-	3,80	2,89	1,65	1,65	-	2,50	10,00	11,50	950	2,740	2,900	11,75	10,0	7,30	A++		
18	13	07	07	-	4,00	2,80	1,60	1,60	-	2,50	10,00	11,50	950	2,740	2,900	11,75	10,0	7,20	A++		
22	13	07	07	-	4,49	2,57	1,47	1,47	-	2,50	10,00	11,50	950	2,740	2,900	11,75	10,0	7,20	A++		
24	13	07	07	-	4,83	2,41	1,38	1,38	-	2,50	10,00	11,50	950	2,740	2,900	11,75	10,0	7,20	A++		
16	16	07	07	-	3,48	3,48	1,52	1,52	-	2,50	10,00	11,50	950	2,740	2,900	11,75	10,0				

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	2,740	2,900	11,75	10,0	7,20	A++	
22	18	13	13	-	3,37	2,76	1,93	1,93	-	2,50	10,00	11,50	950	2,740	2,900	11,75	10,0	7,20	A++	
24	18	13	13	-	3,68	2,63	1,84	1,84	-	2,50	10,00	11,50	950	2,740	2,900	11,75	10,0	7,20	A++	
5 units operation	05	05	05	05	05	1,50	1,50	1,50	1,50	1,50	2,18	7,50	10,00	950	2,300	2,510	8,99	7,5	6,60	A++
	07	05	05	05	05	2,00	1,50	1,50	1,50	1,50	2,25	8,00	10,90	950	2,400	2,580	9,52	8,0	6,70	A++
	10	05	05	05	05	2,50	1,50	1,50	1,50	1,50	2,31	8,50	11,20	950	2,600	2,740	10,10	8,5	6,90	A++
	13	05	05	05	05	3,50	1,50	1,50	1,50	1,50	2,44	9,50	11,50	950	2,850	3,380	11,21	9,5	7,10	

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.
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	2,946	3,670	11,75	10,0	7,20	A++	
16	13	13	07	07	2,95	2,24	2,24	1,28	1,28	2,50	10,00	11,50	950	2,946	3,670	11,75	10,0	7,20	A++	
18	13	13	07	07	3,13	2,19	2,19	1,25	1,25	2,50	10,00	11,50	950	2,946	3,670	11,75	10,0	7,20	A++	
16	16	13	07	07	2,75	2,75	2,10	1,20	1,20	2,50	10,00	11,50	950	2,946	3,670	11,75	10,0	7,20	A++	
18	16	13	07	07	2,92	2,69	2,05	1,17	1,17	2,50	10,00	11,50	950	2,946	3,670	11,75	10,0	7,20	A++	
10	10	10	10	07	2,08	2,08	2,08	2,08	1,67	2,50	10,00	11,50	950	2,946	3,670	11,75	10,0	7,20	A++	
13	10	10	10	07	2,69	1,92	1,92	1,92	1,54	2,50	10,00	11,50	950	2,946	3,670	11,75	10,0	7,20	A++	
16	10	10	10	07	3,26	1,77	1,77	1,77	1,42	2,50	10,00	11,50	950	2,946	3,670	11,75	10,0	7,20	A++	
18	10																			

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.				
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	10	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	0,94	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	1,27	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	A++	
24	10	07	07	07	4,52	1,61	1,29	1,29	1,29	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
22	13	07	07	07	3,91	2,24	1,28	1,28	1,28	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
24	13	07	07	07	4,24	2,12	1,21	1,21	1,21	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
22	10	10	07	07	4,04	1,66	1,66	1,32	1,32	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
24	10	10	07	07	4,38	1,56	1,56	1,25	1,25	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
22	13	10	07	07	3,79	2,17	1,55	1,24	1,24	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
24	13	10	07	07	4,12	2,06	1,47	1,18	1,18	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
22	13	13	07	07	3,57	2,05	2,05	1,17	1,17	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
24	13	13	07	07	3,89	1,94	1,94	1,11	1,11	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
22	10	10	10	07	3,91	1,60	1,60	1,60	1,28	2,50	10,00	11,50	950	2,946	3,700	11,75	10,0	7,20	A++	
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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	
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	12.66	6.8	4.30	5.30	A+	A+++	
10		10	05	-	-	3,20	3,20	2,00	-	-	1,88	8,40	12,10	430	2,030	3,510	9.21	4.8	4.20	5.10	A+	A+++	
13		10	05	-	-	4,20	3,20	2,00	-	-	1,97	9,40	12,60	440	2,250	3,650	10.18	5.3	4.20	5.10	A+	A+++	
16		10	05	-	-	5,50	3,20	2,00	-	-	2,09	10,70	13,80	440	2,530	3,990	11.44	6.1	4.20	5.10	A+	A+++	
18		10	05	-	-	6,00	3,20	2,00	-	-	2,13	11,20	13,80	460	2,630	3,990	11.89	6.3	4.20	5.20	A+	A+++	
22		10	05	-	-	6,89	3,15	1,97	-	-	2,20	12,00	14,20	460	2,800	4,100	12.66	6.8	4.30	5.30	A+	A+++	
24		10	05	-	-	7,27	2,91	1,82	-	-	2,20	12,00	14,20	460	2,800	4,100	12.66	6.8	4.30	5.30	A+	A+++	
13		13	05	-	-	4,20	4,20	2,00	-	-	2,06	10,40	13,10	440	2,460	3,790	11.12	5.9	4.20	5.10	A+	A+++	
16		13	05	-	-	5,50	4,20	2,00	-	-	2,18	11,70	14,20	440	2,740	4,100	12.38	6.6	4.20	5.30	A+	A+++	
18		13	05	-	-	5,90	4,13	1,97	-	-	2,20	12,00	14,20	460	2,800	4,100	12.66	6.8	4.30	5.30	A+	A+++	
22		13	05	-	-	6,36	3,82	1,82	-	-	2,20	12,00	14,20	460	2,800	4,100	12.66	6.8	4.30	5.30	A+	A+++	
24		13	05	-	-	6,76	3,55	1,69															

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.	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.	PDH	Average climate	Warm climate	Average climate	Warm climate
3 units operation	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	13,70	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	3,27	-	-	2,20	12,00	14,20	480	2.800	4.100	12,66	6,8	4,30	5,30	A+	A+++	
24	13	13	-	-	5,85	3,07	3,07	-	-	2,20	12,00	14,20	480	2.800	4.100	12,66	6,8	4,30	5,30	A+	A+++	
16	16	13	-	-	4,34	4,34	3,32	-	-	2,20	12,00	14,20	440	2.800	4.100	12,66	6,8	4,30	5,30	A+	A+++	
18	16	13	-	-	4,59	4,20	3,21	-	-	2,20	12,00	14,20	460	2.800	4.100	12,66	6,8	4,30	5,30	A+	A+++	
22	16	13	-	-	5,03	3,95	3,02	-	-	2,20	12,00	14,20	480	2.800	4.100	12,66	6,8	4,30	5,30	A+	A+++	
24	16	13	-	-	5,42	3,73	2,85	-	-	2,20	12,00	14,20	480	2.800	4.100	12,66	6,8	4,30	5,30	A+	A+++	
18	18	13	-	-	4,44	4,44	3,11	-	-	2,20	12,00	14,20	480	2.800	4.100	12,66	6,8	4,30	5,30	A+	A+++	
22	18	13	-	-	4,88	4,19	2,93	-	-	2,20	12,00	14,20	490	2.800	4.100	12,66	6,8	4,30	5			

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.	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.	PDH	Average climate	Warm climate	Average climate	Warm climate																			
																						Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.
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	-	5,45	2,49	2,49	1,56	-	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	-	5,85	2,34	2,34	1,46	-	2,20	12,00	14,20	540	2,800	4,100	12,66	6.8	4.30	5.30	A+	A+++																				
13	13	10	05	-	3,71	3,71	2,82	1,76	-	2,20	12,00	14,20	510	2,800	4,100	12,66	6.8	4.30	5.30	A+	A+++																				
16	13	10	05	-	4,43	3,38	2,58	1,61	-	2,20	12,00	14,20	510	2,800	4,100	12,66	6.8	4.30	5.30	A+	A+++																				
18	13	10	05	-	4,68	3,27	2,49	1,56	-	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	-	5,12	3,07	2,34	1,46	-	2,20	12,00	14,20	540	2,800	4,100	12,66	6.8	4.30	5.30	A+	A+++																				
16	16	10	05	-	4,07	4,07	2,37	1,48	-	2,20	12,00	14,20	530	2,800	4,100	12,66	6.8	4.30	5.30	A+	A+++																				
18	16	10	05	-	4,31	3,95	2,30	1,44	-																																

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.	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.	PDH	Average climate	Warm climate	Average climate	Warm climate																			
																						Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.
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	-	5,45	2,18	2,18	2,18	-	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	-	3,41	3,41	2,59	2,59	-	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	-	4,10	3,13	2,39	2,39	-	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	-	4,34	3,04	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+++																				
22	13	10	10	-	4,77	2,86	2,18	2,18	-	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	-	5,16	2,71	2,06	2,06	-	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	-	3,79	3,79	2,21	2,21	-	2,20	12,00	14,20	530	2.800	4.100	12.66	6.8	4.30	5.30	A+	A+++																				
18	16	10	10	-	4,02	3,69	2,15	2,15																																	

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.	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.		PDH	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	2,13	11,20	14,20	490	2.630	4.100	11.89	6.3	4.20	5.10	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	14,20	510	2.800	4.100	12.66	6.8	4.30	5.30	A+	A+++	
18		10	10	05	05	4,39	2,34	2,34	1,46	1,46	2,20	12,00	14,20	530	2.800	4.100	12.66	6.8	4.30	5.30	A+	A+++	
13		13	10	05	05	3,23	3,23	2,46	1,54	1,54	2,20	12,00	14,20	510	2.800	4.100	12.66	6.8	4.30	5.30	A		

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.	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.		PDH	Average climate	Warm climate	Average climate	Warm climate
	HEATING MODE	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+



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 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+
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).



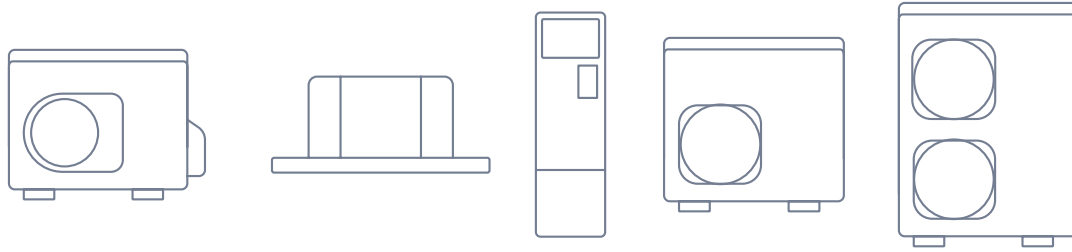
LIGHT COMMERCIAL UNITS

**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!

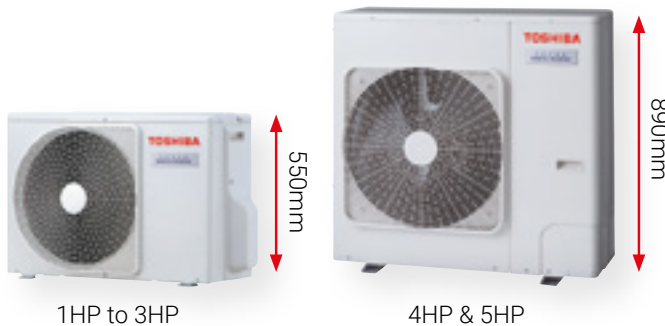
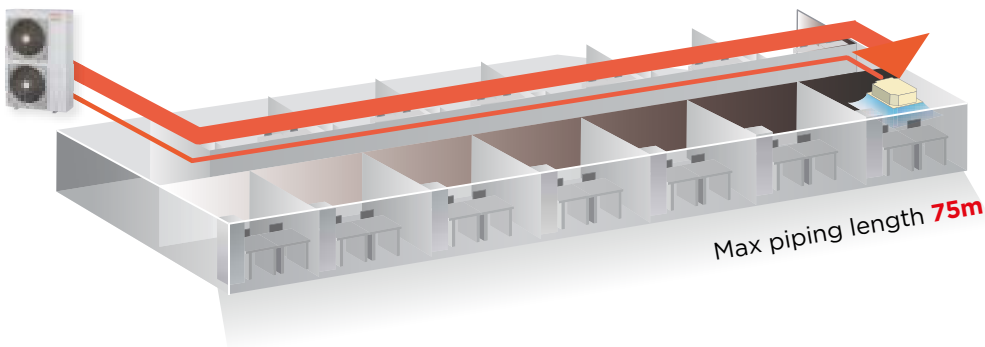
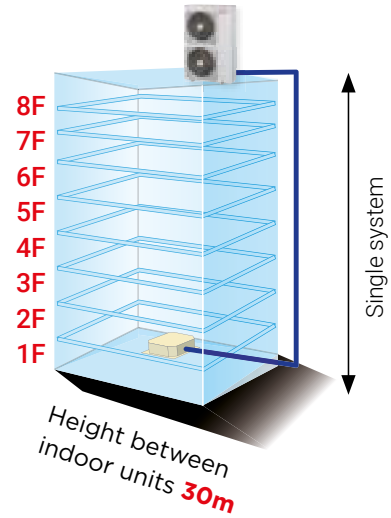
Enjoy new forward-thinking technologies for greater thermal and acoustic comfort. Experience true savings with a new way to optimize the system load and save time at commissioning as well as maintenance, thanks to the embedded operation check functions.

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.

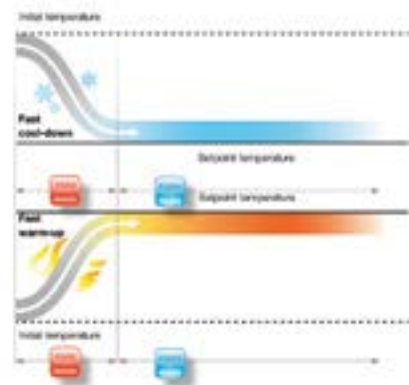
SMART INVERTER

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



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



Flexible

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



Easy Maintenance

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

TECHNICAL CHARACTERISTICS

PHYSICAL DATA OUTDOOR - SINGLE PHASE

OUTDOOR UNIT		RAV-GP561ATW-E 2 HP	RAV-GP801ATW-E 3 HP	RAV-GP1101AT-E 4 HP	RAV-GP1401AT-E 5 HP
Airflow	m ³ /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 4 HP	RAV-GP1401AT8-E 5 HP	RAV-GP1601AT8-E 6 HP
Airflow	m ³ /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 1 HP	RAV-GM401ATP-E 1.5 HP	RAV-GM561ATP-E 2 HP	RAV-GM801ATP-E 3 HP	RAV-GM901ATP-E 3.5 HP	RAV-GM1101ATP-E 4 HP	RAV-GM1401ATP-E 5 HP	RAV-GM1601ATP-E 6 HP
Airflow	m ³ /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) C	46	49	46	48	51	54	55	53
Sound power level	dB(A) C	61	64	63	65	68	70	70	70
Operating range	°C C	-15/46	-15/46	-15/46	-15/46	-15/46	-15/46	-15/46	-15/46
Sound pressure level	dB(A) H	47	50	48	52	55	57	57	55
Sound power level	dB(A) H	62	65	65	69	72	74	74	72
Operating range	°C H	-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	220-240/50/1 220/60/1	220-240/50/1 220/60/1	220-240/50/1 220/60/1	220-240/50/1 220/60/1	220-240/50/1 220/60/1	220-240/50/1 220/60/1	220-240/50/1 220/60/1	220-240/50/1 220/60/1

PHYSICAL DATA OUTDOOR - THREE PHASE

OUTDOOR UNIT		RAV-GM1101AT8P-E 4 HP	RAV-GM1401AT8P-E 5 HP	RAV-GM1601AT8P-E 6 HP
Airflow	m ³ /h-l/s	4.080-1.133	4.200-1.167	6.900-1.917
Sound pressure level	dB(A) C	54	55	53
Sound power level	dB(A) C	70	70	70
Operating range	°C C	-15/46	-15/46	-15/46
Sound pressure level	dB(A) H	57	57	55
Sound power level	dB(A) H	74	74	72
Operating range	°C H	-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

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

Safety & Reliability



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

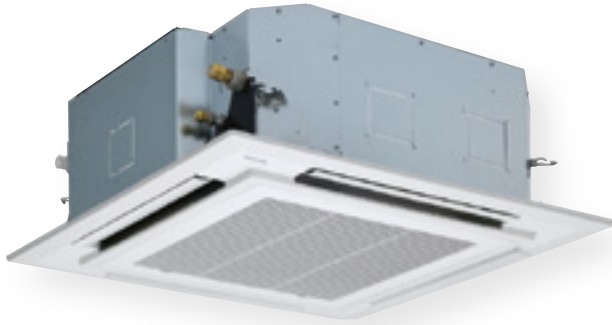
TECHNICAL CHARACTERISTICS

PHYSICAL DATA OUTDOOR - THREE PHASE

OUTDOOR UNIT		RAV-GM2241AT8-E1 8 HP	RAV-GM2801AT8-E1 10 HP
Airflow	m ³ /h-l/s	9.150-2.541	10.890-3.025
Sound pressure level	dB(A) C	58	61
Sound power level	dB(A) C	76	78
Operating range	°C C	-15/46	-15/46
Sound pressure level (h/q)	dB(A) H	60	63
Sound power level	dB(A) H	76	80
Operating range	°C H	-27/15	-27/15
Dimensions (H×W×D)	mm	1.550×1.010×370	1.550×1.010×370
Weight	Kg	142	142
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-32/5	R-32/5
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 louvre 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-E	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-E	RAV-GM1401AT8P-E	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	3,00-2,42-2,90	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

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-GP561ATP-E	RAV-GP801ATW-E	RAV-GP1101AT-E	RAV-GP1101AT8-E	RAV-GP1401AT-E1	RAV-GP1401AT8-E	RAV-GP1601AT8-E
INDOOR UNIT		RAV-HM561BTP-E	RAV-HM801BTP-E	RAV-HM1101BTP-E	RAV-HM1101BTP-E	RAV-HM1401BTP-E	RAV-HM1401BTP-E	RAV-HM1601BTP-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 0,19-1,52-1,99	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		3.29	4.36	4.17	3.88	3.50	3.28	3.12
SEER		5.81	7.86	7.19	6.10	6.77	6.02	5.81
Energy efficiency class	C	A+	A++	A++	A+	-	-	-
Seasonal electricity consumption	kWh/a	C 301	316	486	574	1.107	1.245	1.444
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	2,40-15,60	2,60-16,50	2,40-18,00	2,40-19,00
Power input (min.-rated-max.)	kW	H 0,16-1,61-2,76	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	3.48	4.32	4.10	4.06	3.86	3.83	3.50
SCOP (average)		4.27	4.85	4.30	4.19	4.29	3.99	3.96
Energy efficiency class (average)	H	A+	A++	A+	A+	-	-	-
Seasonal electricity consumption	kWh/a	H 1.245	1.472	2.997	3.606	3.133	4.143	4.238

PERFORMANCE DATA WITH DIGITAL INVERTER SERIES 1

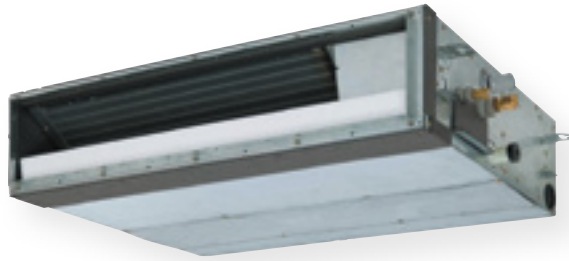
OUTDOOR UNIT		RAV-GM561ATP-E1	RAV-GM801ATP-E	RAV-GM901ATP-E	RAV-GM1101ATP-E	RAV-GM1101AT8P-E	RAV-GM1401ATP-E	RAV-GM1401AT8P-E	RAV-GM1601ATP-E	RAV-GM1601AT8P-E
INDOOR UNIT		RAV-HM561BTP-E	RAV-HM801BTP-E	RAV-HM901BTP-E	RAV-HM1101BTP-E	RAV-HM1101BTP-E	RAV-HM1401BTP-E	RAV-HM1401BTP-E	RAV-HM1601BTP-E	RAV-HM1601BTP-E
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 m³/h airflow to blow the air into large rooms

TECHNICAL CHARACTERISTICS

PERFORMANCE DATA WITH BIG DI INVERTER

OUTDOOR UNIT		RAV-GM2241AT8-E1	RAV-GM2801AT8-E1
INDOOR UNIT		RAV-RM2241DTP-E2	RAV-RM2801DTP-E2
Cooling capacity	kW	19,00	22,50
Cooling range (min.-max.)	kW	4,60-22,40	4,60-27,00
Power input (min.-rated-max.)	kW	1,27-5,35-9,05	1,27-6,76-11,87
EER		3.24	2.82
SEER		5.82	5.49
Energy efficiency class		TBD	TBD
Seasonal electricity consumption	kWh/a	2.468	2.928
Heating capacity	kW	22,40	27,00
Heating range (min.-max.)	kW	4,60-25,00	4,60-31,50
Power input (min.-rated-max.)	kW	1,27-5,71-10,15	1,27-7,52-13,83
COP	W/W	3.92	3.59
SCOP (average)		3.78	3.69
Energy efficiency class (average)		TBD	TBD
Seasonal electricity consumption	kWh/a	7.174	8.136

PHYSICAL DATA INDOOR

INDOOR UNITS		RAV-RM2241DTP-E2	RAV-RM2801DTP-E2
Airflow (H/L)	m ³ /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

C = Cooling Mode H = Heating Mode



FLOOR STANDING

TOSHIBA



Lineup
2 > 6HP



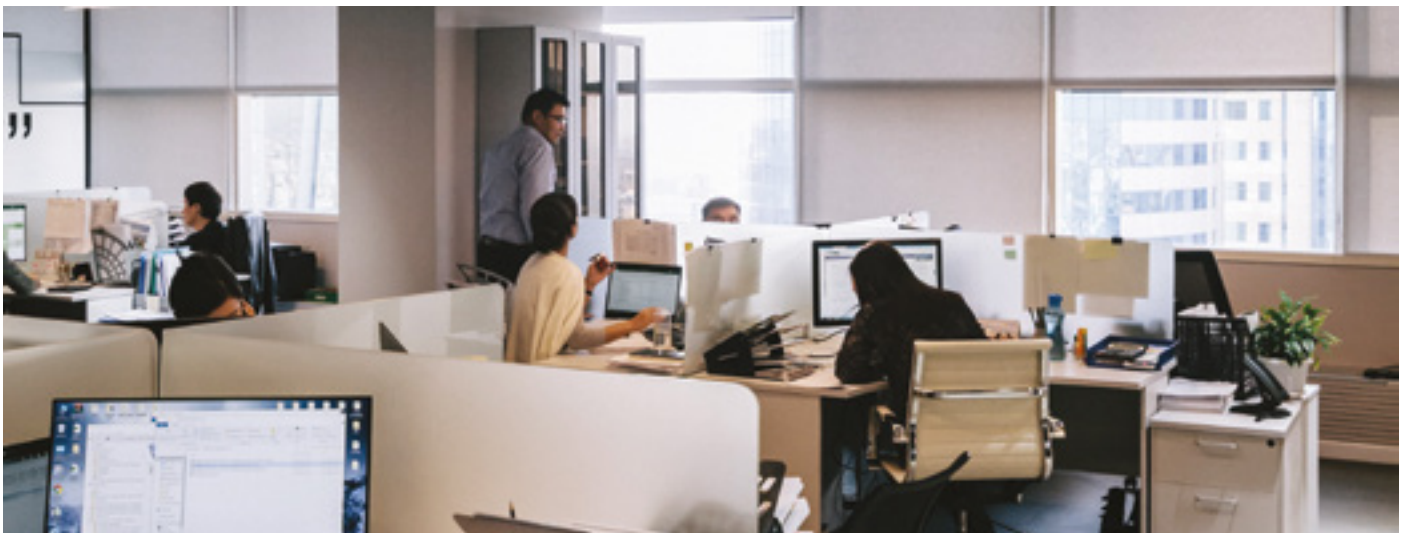
Efficiency
A++/A+*



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-E	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-E	RAV-GM1401AT8P-E
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)	m ³ /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+++



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-E	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-E	RAV-GM561ATP-E	RAV-GM801ATP-E	RAV-GM901ATP-E	RAV-GM1101ATP-E	RAV-GM1101AT8P-E	RAV-GM1401ATP-E	RAV-GM1401AT8P-E	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)	m ³ /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 m³/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

OUTDOOR UNIT		DXC010	DXC010	DXC010	DXC010	DXC010	DXC010	DXC010
		2 HP	3 HP	4 HP	5 HP	6 HP	8 HP	10 HP
		RAV-GM561ATP-E1 RAV-GP561ATW-E	RAV-GM801ATP-E RAV-GP801ATW-E	RAV-GM1101ATP-E RAV-GP1101AT(8)-E	RAV-GM1401ATP-E RAV-GP1401AT(8)-E	RAV-GM1601ATP-E RAV-GP1601AT8-E	RAV-GM2241AT8-E1	RAV-GM2801AT8-E1
Cooling capacity (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 (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 (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 (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 (min-rated*-max)	m ³ /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 (min-max)	dm ³	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 "Air on" temp	°C	15°C WB + 24°C WB
Operating range - Heating coil "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 m³/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 5.040m³/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 CONTROLLER UNIT 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 CONTROLLER UNIT		DXC031	DXC031	DXC031	DXC031	DXC031	DXC031	DXC031	DXC031	DXC031
Minimum airflow rate	m ³ /h	480	522	720	1.060	1.280	1.680	2.080	2.880	3.360
Maximum airflow rate	m ³ /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 (Analogue Input) (Screened cable: 0.5-1.0 mm ²)	m	200	200	200	200	200	200	200	200	200
Cable Max Length (Digital Input) (Non screened cable: 1.5-2.5 mm ²)	m	100	100	100	100	100	100	100	100	100
Cable Max Length (Digital Output) (Non screened cable: 1.5-2.5 mm ²)	m	500	500	500	500	500	500	500	500	500
Cable Max Length (TCC Link) (Non screened cable: 0.5 mm ²)	m	500	500	500	500	500	500	500	500	500
Standard Rating	IP	65	65	65	65	65	65	65	65	65
Operating temperature/ 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 - 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 - 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- GM301ATP-E	RAV- GM401ATP-E	RAV- GM561ATP-EI	RAV- GM801ATP-E	RAV- GM1101ATP-E	RAV- GM1101ATP-E	RAV- GM1601ATP-E	RAV- GM2241AT8-EI	RAV- GM2801-EI
				RAV- GP561ATW-E	RAV- GP801ATW-E	RAV- GP1101AT-E	RAV- GP1101AT-E	RAV- GP1601AT8-E		
						RAV- GP1101AT8-E	RAV- GP1101AT8-E			
Power supply		Supplied from Outdoor Unit								



TWIN / TRIPLE

TOSHIBA



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-E	HM801UTP-E	5	12,00	3,00-13,20	4,29	2.80	5.71	A+
	GM1401AT8P-E	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-E	HM801BTP-E	5	12,10	3,00-13,20	4,42	2.74	5.36	-
	GM1401AT8P-E	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-E	HM801CTP-E	5	12,10	3,00-13,20	4,42	2.74	5.36	-
	GM1401AT8P-E	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-E	HM801KRTP-E	5	12,10	3,00-13,20	4,71	2.57	5.24	-
	GM1401AT8P-E	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-E	HM801FT-E	5	12,10	3,00-13,20	4,71	2.57	4.86	-
	GM1401AT8P-E	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-E	HM801UTP-E	5	13,00	3,00-16,00	3,46	3.76	4.29	A+
	GM1401AT8P-E	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-E	HM801BTP-E	5	13,00	3,00-16,00	3,60	3.61	4.21	-
	GM1401AT8P-E	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-E	HM801CTP-E	5	13,00	3,00-16,00	3,48	3.74	4.19	-
	GM1401AT8P-E	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-E	HM801KRTP-E	5	13,00	3,00-16,00	3,86	3.37	4.19	-
	GM1401AT8P-E	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-E	HM801FT-E	5	13,00	3,00-16,00	4,01	3.24	3.90	-
	GM1401AT8P-E	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

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	GM1601ATP-E	HM561UTP-E	6	14,00	3,00-16,00	4,49	3.12	6.30
Compact 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 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

HEATING

INDOOR UNIT MODEL	OUTDOOR UNIT RAV-	INDOOR UNIT RAV-	HP	Capacity		Power input kW	EER	SEER
				Nominal kW	Min. - Max kW			
4-Way Cassette	GM1601ATP-E	HM561UTP-E	6	16,00	3,00-18,00	4,43	3.61	4.35
Compact 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 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

COOLING

INDOOR UNIT MODEL	OUTDOOR UNIT	INDOOR UNIT	Capacity				Power input	EER	SEER	Energy class
			HP	Nominal	Min. - Max					
				kW	kW	kW				
4-Way Cassette	RAV-	RAV-								
	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-E	HM801UTP-E	5	12,50	2,60-14,00		3,42	3.65	7.29	-
Compact 4-Way Cassette	GP1601AT8-E	HM801UTP-E	6	14,00	2,60-16,00		4,34	3.23	6.95	-
	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++
	GP1101AT-E	HM561BTP-E	4	10,00	3,10-12,00		2,40	4.17	7.11	A++
Ducted	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-E	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	-
	GP801ATW-E	RM401SDT-E	3	7,10	1,90-8,00		1,85	3.83	6.50	A++
Slim Duct	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+
	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	-
Ceiling	GP1101AT8-E	HM561CTP-E	4	10,00	2,60-12,00		2,56	3.91	6.70	A++
	GP1401AT8-E	HM801CTP-E	5	12,50	2,60-14,00		3,68	3.40	6.55	-
	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	-
Floor Standing	GP1101AT8-E	HM561FT-E	4	10,00	2,6-12,000		2,46	4.07	6.02	A+
	GP1401AT8-E	HM801FT-E	5	12,50	2,60-14,00		3,61	3.46	6.01	-
	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	-
Hi-Wall	GP1101AT8-E	HM561KRTP-E	4	10,00	2,60-12,00		2,61	3.83	6.57	A++
	GP1401AT8-E	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	-

HEATING

INDOOR UNIT MODEL	OUTDOOR UNIT	INDOOR UNIT	Capacity				Power input	COP	SCOP	Energy class
			HP	Nominal	Min. - Max					
				kW	kW	kW				
4-Way Cassette	RAV-	RAV-								
	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-E	HM801UTP-E	5	14,00	2,40-18,00		3,41	4.11	4.38	-
Compact 4-Way Cassette	GP1601AT8-E	HM801UTP-E	6	16,00	2,40-19,00		4,28	3.74	4.38	-
	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
	GP1101AT-E	HM561BTP-E	4	11,20	2,60-13,00		2,73	4.10	4.30	A+
Ducted	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-E	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	-
	GP801ATW-E	RM401SDT-E	3	8,00	1,30-11,30		2,12	3.77	4.26	A+
Slim Duct	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
	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	-
Ceiling	GP1101AT8-E	HM561CTP-E	4	11,20	2,40-14,00		2,51	4.46	4.23	A+
	GP1401AT8-E	HM801CTP-E	5	14,00	2,40-18,00		3,48	4.02	4.22	-
	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	-
Floor Standing	GP1101AT8-E	HM561FT-E	4	11,20	2,40-14,00		2,77	4.04	4.02	A+
	GP1401AT8-E	HM801FT-E	5	14,00	2,40-18,00		3,81	3.67	4.02	-
	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	-
Hi-Wall	GP1101AT8-E	HM561KRTP-E	4	11,20	2,40-14,00		2,66	4.21	4.16	A+
	GP1401AT8-E	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	EER	SEER
				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	GM2241AT8-E1	HM1101UTP-E	8	20,00	4,6-22,40	5,56	3.60	6.88
	GM2801AT8-E1	HM1401UTP-E	10	23,50	4,6-27,00	7,83	3.00	6.48
Ducted	GM2241AT8-E1	HM1101BTP-E	8	20,00	4,6-22,40	6,17	3.24	5.64
	GM2801AT8-E1	HM1401BTP-E	10	23,50	4,6-27,00	8,87	2.65	5.41
Floor Standing	GM2241AT8-E1	HM1101FT-E	8	20,00	4,6-22,40	6,17	3.24	5.42
	GM2801AT8-E1	HM1401FT-E	10	23,50	4,6-27,00	8,87	2.65	5.20
Ceiling	GM2241AT8-E1	HM1101CTP-E	8	20,00	4,6-22,40	6,17	3.24	6.02
	GM2801AT8-E1	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	GM2241AT8-E1	HM1101UTP-E	8	22,40	4,60-25,00	5,30	4.23	4.06
	GM2801AT8-E1	HM1401UTP-E	10	27,00	4,60-31,50	7,10	3.80	3.92
Ducted	GM2241AT8-E1	HM1101BTP-E	8	22,40	4,60-25,00	5,57	4.02	3.77
	GM2801AT8-E1	HM1401BTP-E	10	27,00	4,60-31,50	7,46	3.62	3.67
Floor Standing	GM2241AT8-E1	HM1101FT-E	8	22,40	4,60-25,00	6,83	3.28	3.62
	GM2801AT8-E1	HM1401FT-E	10	27,00	4,60-31,50	9,55	2.83	3.59
Ceiling	GM2241AT8-E1	HM1101CTP-E	8	22,40	4,60-25,00	5,71	3.92	3.81
	GM2801AT8-E1	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			
				kW	kW			
4-Way Cassette	GM2241AT8-E1	HM801UTP-E	8	20,00	4,60-22,40	5,56	3.60	6.85
	GM2801AT8-E1	HM801UTP-E	10	23,50	4,60-27,00	7,83	3.00	6.45
Ducted	GM2241AT8-E1	HM801BTP-E	8	20,00	4,60-22,40	6,17	3.24	5.60
	GM2801AT8-E1	HM801BTP-E	10	23,50	4,60-27,00	8,87	2.65	5.37
Slim Duct	GM2241AT8-E1	HM801SDTY-E	8	20,00	4,60-22,40	6,67	3.00	5.77
	GM2801AT8-E1	HM801SDTY-E	10	23,50	4,60-27,00	8,87	2.65	5.14
Ceiling	GM2241AT8-E1	HM801CTP-E	8	20,00	4,60-22,40	6,17	3.24	5.94
	GM2801AT8-E1	HM801CTP-E	10	23,50	4,60-27,00	8,97	2.62	5.41
Floor Standing	GM2241AT8-E1	HM801FT-E	8	20,00	4,60-22,40	6,17	3.24	5.36
	GM2801AT8-E1	HM801FT-E	10	23,50	4,60-27,00	8,87	2.65	5.15
Hi-Wall	GM2241AT8-E1	HM801KRTP-E	8	20,00	4,60-22,40	6,67	3.00	5.81
	GM2801AT8-E1	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			
				kW	kW			
4-Way Cassette	GM2241AT8-E1	HM801UTP-E	8	22,40	4,60-25,00	5,30	4.23	4.06
	GM2801AT8-E1	HM801UTP-E	10	27,00	4,60-31,50	7,10	3.80	3.92
Ducted	GM2241AT8-E1	HM801BTP-E	8	22,40	4,60-25,00	5,57	4.02	3.76
	GM2801AT8-E1	HM801BTP-E	10	27,00	4,60-31,50	7,46	3.62	3.67
Slim Duct	GM2241AT8-E1	HM801SDTY-E	8	22,40	4,60-25,00	6,12	3.66	3.88
	GM2801AT8-E1	HM801SDTY-E	10	27,00	4,60-31,50	8,21	3.29	3.59
Ceiling	GM2241AT8-E1	HM801CTP-E	8	22,40	4,60-25,00	5,71	3.92	3.81
	GM2801AT8-E1	HM801CTP-E	10	27,00	4,60-31,50	7,56	3.57	3.67
Floor Standing	GM2241AT8-E1	HM801FT-E	8	22,40	4,60-25,00	5,63	3.98	3.62
	GM2801AT8-E1	HM801FT-E	10	27,00	4,60-31,50	8,21	3.29	3.59
Hi-Wall	GM2241AT8-E1	HM801KRTP-E	8	22,40	4,60-25,00	6,12	3.66	3.78
	GM2801AT8-E1	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			
				kW	kW			
4-Way Cassette	GM2241AT8-E1	HM561UTP-E	8	20,00	4,60-22,40	5,56	3.60	6.80
	GM2801AT8-E1	HM801UTP-E	10	23,00	4,60-27,00	7,83	3.00	6.42
Compact 4-Way Cassette	GM2241AT8-E1	HM561MUT-E	8	20,00	4,60-22,40	6,35	3.15	6.24
	GM2241AT8-E1	HM561MUTP-E	8	20,00	4,60-22,40	6,35	3.15	6.24
Ducted	GM2241AT8-E1	HM561BTP-E	8	20,00	4,60-22,40	6,17	3.24	5.58
	GM2801AT8-E1	HM801BTP-E	10	23,50	4,60-27,00	8,87	2.65	5.35
Slim Duct	GM2241AT8-E1	RM561SDT-E	8	20,00	4,60-22,40	6,67	3.00	5.72
	GM2241AT8-E1	HM561CTP-E	8	20,00	4,60-22,40	6,17	3.24	5.92
Ceiling	GM2801AT8-E1	HM801CTP-E	10	23,50	4,60-27,00	8,97	2.62	5.38
	GM2241AT8-E1	HM561FT-E	8	20,00	4,60-22,40	6,17	3.24	5.32
Floor Standing	GM2801AT8-E1	HM561FT-E	10	23,50	4,60-27,00	8,87	2.65	5.12
	GM2241AT8-E1	HM561KRTP-E	8	20,00	4,60-22,40	6,67	3.00	5.78
Hi-Wall	GM2801AT8-E1	HM801KRTP-E	10	23,50	4,60-27,00	9,22	2.55	5.45

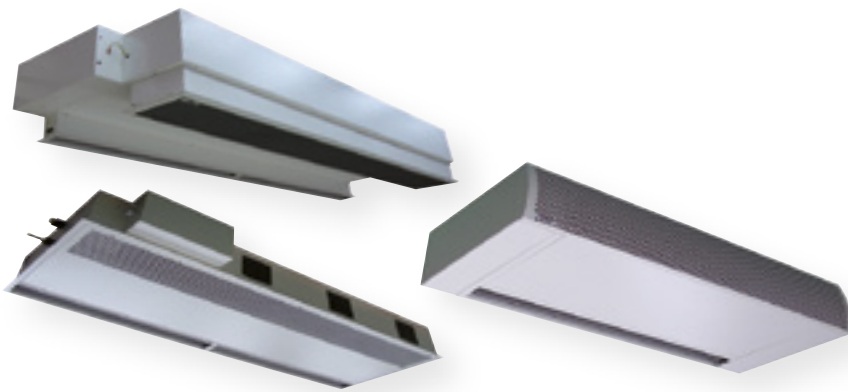
DOUBLE TWIN SPLIT BIG-DI- HEATING

INDOOR UNIT MODEL	OUTDOOR UNIT	INDOOR UNIT	HP	Capacity		Power input	COP	SCOP
				Nominal	Min. - Max			
				kW	kW			
4-Way Cassette	GM2241AT8-E1	HM561UTP-E	8	22,40	4,60-25,00	5,30	4.23	4.06
	GM2801AT8-E1	HM801UTP-E	10	27,00	4,60-31,50	7,10	3.80	3.91
Compact 4-Way Cassette	GM2241AT8-E1	HM561MUT-E	8	22,40	4,60-25,00	6,12	3.66	4.04
	GM2241AT8-E1	HM561MUTP-E	8	22,40	4,60-25,00	6,12	3.66	4.04
Ducted	GM2241AT8-E1	HM561BTP-E	8	22,40	4,60-25,00	5,57	4.02	3.76
	GM2801AT8-E1	HM801BTP-E	10	27,00	4,60-31,50	7,46	3.62	3.67
Slim Duct	GM2241AT8-E1	RM561SDT-E	8	22,40	4,60-25,00	6,12	3.66	3.88
	GM2241AT8-E1	HM561CTP-E	8	22,40	4,60-25,00	5,71	3.92	3.81
Ceiling	GM2801AT8-E1	HM801CTP-E	10	27,00	4,60-31,50	7,56	3.57	3.67
	GM2241AT8-E1	HM561FT-E	8	22,40	4,60-25,00	5,63	3.98	3.61
Floor Standing	GM2801AT8-E1	HM561FT-E	10	27,00	4,60-31,50	8,21	3.29	3.59
	GM2241AT8-E1	HM561KRTP-E	8	22,40	4,60-25,00	6,12	3.66	3.78
Hi-Wall	GM2801AT8-E1	HM801KRTP-E	10	27,00	4,60-31,50	7,65	3.53	3.65



AIR CURTAINS

TOSHIBA



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	Heating Capacity	airflow rate	Power Input	Door Width	Max Door Height	Unit Weight	Sound Pressure
	HP	kW	m ³ /h	Fan only kW	mm	m	Kg	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	Heating Capacity	airflow rate	Power Input	Door Width	Max Door Height	Unit Weight	Sound Pressure
	HP	kW	m ³ /h	Fan only kW	mm	m	Kg	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	Heating Capacity	airflow rate	Power Input	Door Width	Max Door Height	Unit Weight	Sound Pressure
	HP	kW	m ³ /h	Fan only kW	mm	m	Kg	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 mm	Max Door Height m	DI3 - Single phase	SDI - Single phase	DI4 - Single phase	SDI - Three phases
RAV-CT101**-L	1.000	3.20	-	RAV-SP804AT-E	RAV-SM804ATP-E	-
RAV-CT101**-M	1.000	3	-	RAV-SP804AT-E	RAV-SM804ATP-E	-
RAV-CT151**-L	1.500	3.20	-	RAV-SP1104AT-E	RAV-SM1104ATP-E	RAV-SP1104AT8-E1
RAV-CT151**-M	1.500	3	-	RAV-SP1104AT-E	RAV-SM1104ATP-E	RAV-SP1104AT8-E1
RAV-CT201**-L	2.000	3.20	-	RAV-SP1404AT-E	RAV-SM1404ATP-E	RAV-SP1404AT8-E1
RAV-CT201**-M	2.000	3	-	RAV-SP1404AT-E	RAV-SM1404ATP-E	RAV-SP1404AT8-E1
RAV-CT251**-L	2.500	3.20	RAV-SM1603AT-E1	RAV-SP1604AT-E	-	RAV-SP1604AT8-E1
RAV-CT251**-M	2.500	3	RAV-SM1603AT-E1	RAV-SP1604AT-E	-	RAV-SP1604AT8-E1



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