

# SUPER DIGITAL INVERTER

**TOSHIBA**



**SCOP max.**  
5,51



**Capacity**  
5kW-16kW



**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
Air Flow	m <sup>3</sup> /h-l/s	2.250-625	3.180-883	6.960-1.933	6.960-1.933
Sound pressure level	dB(A) <b>C</b>	46	46	49	50
Sound power level	dB(A) <b>C</b>	63	63	66	67
Operating range	°C <b>C</b>	-15/52	-15/52	-15/52	-15/52
Sound pressure level	dB(A) <b>H</b>	48	48	50	51
Sound power level	dB(A) <b>H</b>	65	65	67	68
Operating range	°C <b>H</b>	-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 (R32)	Type/Kg	R32/1.35	R32/1.90	R32/3.10	R32/3.10
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
Air Flow	m <sup>3</sup> /h-l/s	6.060-1.683	6.180-1.717	6.180-1.717
Sound pressure level	dB(A) <b>C</b>	49	51	51
Sound power level	dB(A) <b>C</b>	66	68	68
Operating range	°C <b>C</b>	-15/46	-15/46	-15/46
Sound pressure level	dB(A) <b>H</b>	50	52	53
Sound power level	dB(A) <b>H</b>	67	69	70
Operating range	°C <b>H</b>	-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 (R32)	Type/Kg	R32/2.60	R32/2.60	R32/2.60
Power supply	V/Hz/Ph	380-415/50/3N	380-415/50/3N	380-415/50/3N

**C** = Cooling Mode    **H** = Heating Mode

