

INVERTERS



SCOP max.
4,70



Capacity
2kW-16kW



Operation
-15°C/+46°C

DIGITAL INVERTER

Toshiba Digital Inverter brings state-of-the-art inverter technology to the commercial sector, offering considerable advantages in terms of capacity, energy savings, optimised control, lower refrigerant charge. In addition, it has the smallest physical dimensions and lightest range of outdoor units in the industry.



FEATURES



Light & Compact

- ✓ Up to 14kW in only 1.340 mm height and 95 kgr



Wide Adaptability

- ✓ Compatible with a wide choice of indoor units: 4 way cassette, 4-way compact cassette, slim duct, standard duct, high wall and ceiling
- ✓ Night operation mode to minimize the outdoor unit sound as low as 33dB(A)



Efficiency & Energy Savings

- ✓ The Vector Intelligent Drive Unit (IPDU) technology ensures power limitation by 1% step between 50% and 100% load for optimal capacity control



Easy Maintenance

- ✓ Removable corner panels for easy access
- ✓ Auto diagnostic function

TECHNICAL CHARACTERISTICS

PHYSICAL DATA OUTDOOR - SINGLE PHASE

OUTDOOR UNIT

		RAV-GM301ATP-E 1 HP	RAV-GM401ATP-E 1.5 HP	RAV-GM501ATP-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
Air Flow	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 (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320	1.340 x 900 x 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 (R32)	Type /Kg	R32 / 0.6	R32 / 0.9	R32 / 0.9	R32 / 1.3	R32 / 2.0	R32 / 2.1	R32 / 2.1	R32 / 2.4
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50

PHYSICAL DATA OUTDOOR - THREE PHASE

OUTDOOR UNIT

		RAV-GM1101AT8P-E 4 HP	RAV-GM1401AT8P-E 5 HP	RAV-GM1601AT8P-E 6 HP
Air Flow	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 (HxWxD)	mm	890 x 900 x 320	890 x 900 x 320	1.340 x 900 x 320
Weight	kg	69	69	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 (R32)	Type /Kg	R32 / 2.1	R32 / 2.1	R32 / 2.4
Power supply	V-ph-Hz	380/415-3-50	380/415-3-50	380/415-3-50

C = Cooling Mode H = Heating Mode

