

GM_ATP(8) 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 and utilising the smallest physical dimensions and lightest range of outdoor units in the industry.

Light and compact

- Up to 12.8 kW in only 890mm height and 69kg

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 to maintain

- Removable corner panels for easy access
- Auto diagnostic function

SCOP MAX



4.51

CAPACITY



2.5kW > 14kW

OPERATION



-15°C > +46°C

Toshiba state-of-the-art compressor features a powerful magnetic rotor with great surface area to increase efficiency and reduce the operation noise.

- > Efficiency
- > Reliability
- > 100% Toshiba



CASSETTE

RAV-RM_UTP-E/-TR
RAV-RM_MUT-E/-TR



DUCTED

RAV-RM_BTP-E/-TR
RAV-RM_SDT-E/-TR



CEILING

RAV-RM_CTP-E/-TR



OUTDOOR UNITS

RAV-GM561ATP-E/-TR
RAV-GP801ATP-E/-TR



RAV-GM1101ATP-E/-TR
RAV-GM1401ATP-E/-TR
RAV-GM1101AT8P-E/-TR
RAV-GM1401AT8P-E/-TR

DIGITAL INVERTER Physical data outdoor - Single phase

PRELIMINARY DATA

Outdoor unit	RAV-GM301ATP-E/TR		RAV-GM401ATP-E/TR		RAV-GM561ATP-E/TR		RAV-GM801ATP-E/TR		RAV-GM1101ATP-E/TR		RAV-GM1401ATP-E/TR			
	1 HP		1.5 HP		2 HP		3 HP		4 HP		5 HP			
Air flow	m ³ /h - l/s		1800 - 500		2200 - 611		2400 - 667		2700 - 750		4080 - 1133		4200 - 1167	
Sound pressure level	dB(A)	C	46		49		46		48		54		55	
Sound power level	dB(A)	C	61		64		63		65		70		70	
Operating range	°C	C	-15 / 46		-15 / 46		-15 / 46		-15 / 46		-15 / 46		-15 / 46	
Sound pressure level	dB(A)	H	47		50		48		52		57		57	
Sound power level	dB(A)	H	62		65		65		69		74		74	
Operating range	°C	H	-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		890 x 900 x 320		890 x 900 x 320	
Weight	kg		33		39		40		44		68		68	
Compressor type			DC Twin Rotary		DC Twin Rotary		DC Twin Rotary		DC Twin Rotary		DC Twin Rotary		DC Twin Rotary	
Flare connections														
Gas	in		3/8		1/2		1/2		5/8		5/8		5/8	
Liquid	in		1/4		1/4		1/4		3/8		3/8		3/8	
Minimum pipe length	m		2		2		5		5		5		5	
Maximum pipe length	m		20		20		30		30		50		50	
Maximum height difference	m		10		10		30		30		30		30	
Chargeless pipe length	m		15		15		20		20		30		30	
Power supply	V-ph-Hz		220/240-1-50, 220-1-60		220/240-1-50, 220-1-60		220/240-1-50		220/240-1-50		220/240-1-50		220/240-1-50	

DIGITAL INVERTER Physical data outdoor - Three phase

PRELIMINARY DATA

Outdoor Unit	RAV-GM1101AT8P-E/TR		RAV-GM1401AT8P-E/TR			
	4 HP		5 HP			
Air flow	m ³ /h - l/s		4080 - 1133		4200 - 1167	
Sound pressure level	dB(A)	C	54		55	
Sound power level	dB(A)	C	70		70	
Operating range	°C	C	-15 / 46		-15 / 46	
Sound pressure level	dB(A)	H	57		57	
Sound power level	dB(A)	H	74		74	
Operating range	°C	H	-15 / 15		-15 / 15	
Dimensions (HxWxD)	mm		890 x 900 x 320		890 x 900 x 320	
Weight	kg		69		69	
Compressor type			DC Twin Rotary		DC Twin Rotary	
Flare connections						
Gas	in		5/8		5/8	
Liquid	in		3/8		3/8	
Minimum pipe length	m		5		5	
Maximum pipe length	m		50		50	
Maximum height difference	m		30		30	
Chargeless pipe length	m		30		30	
Power supply	V-ph-Hz		380/415-3-50, 380-3-60		380/415-3-50, 380-3-60	

C: cooling mode
H: heating mode