

INVERTERS



SCOP max.
5,51



Capacity
5kW-16kW



Operation
-27°C/+52°C

SUPER DIGITAL INVERTER

The Toshiba Super Digital Inverter series has leading energy efficiency, operating range and piping length, offering the best solution for the majority of commercial projects and large residential applications.



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-GP561ATP-E 2 HP	RAV-GP801AT-E 3 HP	RAV-GP1101AT-E 4 HP	RAV-GP1401AT-E 5 HP
Air Flow	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 (HxWxD)	mm		630 x 799 x 299	1.050 x 1.010 x 370	1.550 x 1.010 x 370	1.550 x 1.010 x 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"
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 / 1,9	R32 / 3,1	R32 / 3,1
Power supply	V-ph-Hz		220/240-1-50	220/240-1-50	220/240-1-50	220/240-1-50

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 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 (HxWxD)	mm		1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 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"
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 / 2.6	R32 / 2.6	R32 / 2.6
Power supply	V-ph-Hz		380/415-3N-50	380/415-3N-50	380/415-3N-50

C = Cooling Mode H = Heating Mode

