

SP\_AT(8)

# SUPER DIGITAL INVERTER



The Toshiba Super Digital inverter 4 series models, combine high piping lengths, with top class efficiency levels, making it the perfect solution for the majority of commercial projects and large residential applications.

### Top class efficiency

- High efficiency SCOP of up to 4.58, thanks to digital hybrid inverter technology.

### Wide adaptability

- Operating temperature limits allow the system to operate at extremely low temperatures in heating and in cooling if required.
- Quiet operation as low as 33dB (A).

### Flexible

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

### Easy to maintain

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

SCOP MAX



4.58

CAPACITY



3,6kW > 16kW

OPERATION



-20°C > +46°C

Super Digital Inverter outdoor units are suitable for replacement technology enabling the re-use of existing R22 or R407C pipework.

**R22**  
REPLACEMENT

R410A  
with TOSHIBA



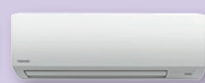
CASSETTE

RAV-RM\_UTP-E/TR  
RAV-RM\_MUT-E/TR



DUCTED

RAV-RM\_BTP-E/E1/TR  
RAV-RM\_SDT-E/TR



HIGH-WALL

RAV-SM\_KRTP-E/TR  
RAV-SM\_KRT-E/TR



CEILING

RAV-RM\_CTP-E/TR



OUTDOOR UNITS

RAV-SP404ATP-E/TR  
RAV-SP454ATP-E/TR  
RAV-SP564ATP-E/TR

RAV-SP804ATP-E/TR

RAV-SP1104AT-E1/TR1  
RAV-SP1404AT-E1/TR1  
RAV-SP1104AT8-E1/TR1  
RAV-SP1404AT8-E1/TR1  
RAV-SP1604AT8-E1/TR1

**SUPER DIGITAL INVERTER** Physical data outdoor - 1Ph

Outdoor unit	RAV-SP404ATP-E/TR		RAV-SP454ATP-E/TR		RAV-SP564ATP-E/TR		RAV-SP804ATP-E/TR		RAV-SP1104AT-E1/TR1		RAV-SP1404AT-E1/TR1			
	1.5 HP		1.7 HP		2 HP		3 HP		4 HP		5 HP			
Air flow	m <sup>3</sup> /h - l/s		2400 - 667		2400 - 667		2400 - 667		3000 - 833		6060 - 1683		6180 - 1716	
Sound pressure level	dB(A)	C	45	45	47	47	47	48	49	49	51	51	51	51
Sound power level	dB(A)	C	62	62	63	63	63	64	66	66	68	68	68	68
Operating range	°C	C	-15 / 43	-15 / 43	-15 / 43	-15 / 43	-15 / 43	-15 / 43	-15 / 43	-15 / 43	-15 / 43	-15 / 43	-15 / 43	-15 / 43
Sound pressure level	dB(A)	H	47	47	48	48	49	49	50	50	52	52	52	52
Sound power level	dB(A)	H	64	64	64	64	65	65	67	67	69	69	69	69
Operating range	°C	H	-15 / 15	-15 / 15	-20 / 15	-20 / 15	-20 / 15	-20 / 15	-20 / 15	-20 / 15	-20 / 15	-20 / 15	-20 / 15	-20 / 15
Dimensions (HxWxD)	mm		550x780x290		550x780x290		550x780x290		890x900x320		1340x900x320		1340x900x320	
Weight	kg		40		40		44		66		93		93	
Compressor type			DC Twin Rotary		DC Twin Rotary		DC Twin Rotary		DC Twin Rotary		DC Twin Rotary		DC Twin Rotary	
Flare connections														
Gas	in		1/2		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		5		5		5		5		3		3	
Maximum pipe length	m		30		30		50		50		75		75	
Maximum height difference	m		30		30		30		30		30		30	
Chargeless pipe length	m		20		20		20		30		30		30	
Refrigerant charge (R410A)	kg		1.18		1.18		1.65		2.48		3.1		3.1	
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	

**SUPER DIGITAL INVERTER** Physical data outdoor - 3Ph

Outdoor Unit	RAV-SP1104AT8-E1/TR1		RAV-SP1404AT8-E1/TR1		RAV-SP1604AT8-E1/TR1			
	4 HP		5 HP		6 HP			
Air flow	m <sup>3</sup> /h - l/s		6060 - 1683		6180 - 1717		6180 - 1717	
Sound pressure level	dB(A)	C	49	49	51	51	51	51
Sound power level	dB(A)	C	66	66	68	68	68	68
Operating range	°C	C	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46
Sound pressure level	dB(A)	H	50	50	52	52	53	53
Sound power level	dB(A)	H	67	67	69	69	70	70
Operating range	°C	H	-20 / 15	-20 / 15	-20 / 15	-20 / 15	-20 / 15	-20 / 15
Dimensions (HxWxD)	mm		1340x900x320		1340x900x320		1340x900x320	
Weight	kg		95		95		95	
Compressor type			DC Twin Rotary		DC Twin Rotary		DC Twin Rotary	
Flare connections								
Gas	in		5/8		5/8		5/8	
Liquid	in		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 charge (R410A)	kg		3.1		3.1		3.1	
Power supply	V-ph-Hz		380/415-3N-50		380/415-3N-50		380/415-3N-50	

C: cooling mode  
H: heating mode