



Technology that works fast

TOSHIBA
AIR CONDITIONING

3 Phase Systems Product Specifications



Technical specifications



			4 Way Cassette	4 Way Cassette	Ducted	Under Ceiling	Ducted
INDOOR			RAV-SM1404UT-E	RAV-SM1604UT-E	RAV-SM1406BT-E	RAV-SM1404CT-E	RAV-SM1603DT-A
OUTDOOR			RAV-SP1404AT8-A	RAV-SP1604AT8-A	RAV-SP1404AT8-A	RAV-SP1404AT8-A	RAV-SP1604AT8-A
Refrigerant Type			R410A	R410A	R410A	R410A	R410A
Power Supply			Volts-Phase-Hz	380-415V / 3φ/50Hz	380-415V / 3φ/50Hz	380-415V / 3φ/50Hz	380-415V / 3φ/50Hz
COOLING	Capacity - Rated	kW	12.5	14.0	12.5	12.5	13.6
	Capacity - Range (min ~ max)	kW	2.6 - 14.0	2.6 - 16.0	2.6 - 14.0	2.6 - 14.0	3.3 - 16.0
	Efficiency (rated)	EER	3.61	3.12	3.24	3.26	3.30
	Power Input (min ~ rated ~ max)	kW	0.66-3.46-4.40	0.66-4.49-5.70	0.66-3.86-4.89	0.66-3.83-4.85	0.90-4.12-6.23
	Operating Current (rated)	A	6.03	7.55	6.74	6.67	7.03
HEATING	Capacity - Rated	kW	14.0	16.0	14.0	14.0	16.0
	Capacity - Range (min ~ max)	kW	2.4 - 18.0	2.4 - 19.0	2.4 - 18.0	2.4 - 18.0	4.2 - 19.0
	Efficiency (rated)	COP	4.09	3.72	3.81	3.78	3.61
	Power Input (min ~ rated ~ max)	kW	0.53-3.42-5.50	0.53-4.30-6.51	0.53-3.67-5.71	0.53-3.70-5.95	0.80-4.43-6.71
	Operating Current (rated)	A	6.03	7.55	6.74	6.67	7.71
INDOOR UNIT	Dimension (HxWxD)	mm	319x840x840	319x840x840	275x1400x750	210x1595x680	380x1050x600
	Net Weight	kg	24	24	40	33	57
	Airflow Volume	L/s	583	592	583	500	967
	Heating Airflow Volume	L/s	583	592	583	500	967
	Fan Motor Output	W	72	72	250	120	600
	Sound Pressure(H) at 1m distance	dBA	44/34	45/36	40/33	43/37	50
	Sound Power(H)	dBA	59/49	60/51	63/54	58/52	65
	Heating Operating Noise (Sound Pressure) (H/L) at 1m	dBA (@spl)	44/34	45/36	40/33	43/37	50
	Heating Operating Noise (Sound Power) (H/L)	dBA (@swl)	59/49	60/51	63/54	58/52	65
OUTDOOR UNIT	Dimension (HxWxD)	mm	1340x900x320	1340x900x320	1340x900x320	1340x900x320	1340x900x320
	Net Weight	kg	95	95	95	95	95
	Compressor Type	-	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
	Fan Motor Output	W	100+100	100+100	100+100	100+100	100+100
	Cooling Operating Noise (Sound Pressure) (H) at 1m	dBA (@spl)	51	51	51	51	51
	Cooling Operating Noise (Sound Power) (H)	dBA (@swl)	68	68	68	68	68
	Heating Operating Noise (Sound Pressure) (H) at 1m	dBA (@spl)	52	53	52	52	53
	Heating Operating Noise (Sound Power) (H)	dBA (@swl)	69	70	69	69	70
	Cooling Usable Temperature Range	DBφ	-15/+46	-15/+46	-15/+46	-15/+46	-15/+46
PIPE SIZE	Liquid Line Ø	mm	9.5	9.5	9.5	9.5	9.5
	Gas Line Ø	mm	15.9	15.9	15.9	15.9	15.9
	Coupler Style	mm	Flare Connection	Flare Connection	Flare Connection	Flare Connection	Flare Connection
	Maximum Length	m	75	75	75	75	75
	Chargeless Length	m	30	30	30	30	30
	Maximum Height Difference	m	30	30	30	30	30

Toshiba is committed to continuously improving its products, to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications are subject to change without prior notice. Equipment rates in accordance with MEPS 3823.2-2011 E&OE.

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