



Characteristics



TOSHIBA

- Energy saving heat pump air curtains: Up to 70% reduction in costs and CO₂ emissions (heating mode).
- Self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours or stainless steel are available on request.
- Micro-perforated inlet grille with filter functions and easy service. Internal prefilter included.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Double-inlet centrifugal fans driven by an external rotor motor and low noise level. 5-speed selector. "EC" models assembled with very low consumption efficiency fans.
- Includes direct expansion coil with sensors. Optional condensate water pump.
- Plug&Play control panel, infrared remote IR and 7m telephone cable included.
- TOSHIBA DX Interface KIT and programmable control included.
- Ready to connect to TOSHIBA Inverter outdoor heat pump unit (R410A) with expansion valve.

Specifications

Model (*)	Airflow m ³ /h	Outdoor unit		Power Fans	Current Fans	Noise Level (5 m) dB(A)	Weight kg
		230Vx1	400Vx3 (**)	230V-50Hz kW	230V-50Hz A		
M 1500 DX11-TO	2160	RAV-SM1104ATP-E	RAV-SP1104AT8-E	0,642	2,85	57	53
M 2000 DX16-TO	2880	RAV-SM1603AT-E	RAV-SP1604AT8-E	0,856	3,80	58	69
M 2500 DX22-TO	3600	-	RAV-SM2244AT8-E	1,070	4,75	59	86
M 3000 DX27-TO	4320	-	RAV-SM2804AT8-E	1,280	5,70	60	103
ECM 1000 DX8-TO	1640	RAV-SM804ATP-E	-	0,132	1,14	56	35
ECM 1500 DX11-TO	2460	RAV-SM1104ATP-E	RAV-SP1104AT8-E	0,198	1,71	57	53
ECM 2000 DX16-TO	3280	RAV-SM1603AT-E	RAV-SP1604AT8-E	0,264	2,28	58	69
ECM 2500 DX22-TO	4100	-	RAV-SM2244AT8-E	0,330	2,85	59	86
ECM 3000 DX27-TO	4920	-	RAV-SM2804AT8-E	0,396	3,42	60	103
G 1000 DX11-TO	2100	RAV-SM1104ATP-E	RAV-SP1104AT8-E	0,642	2,85	57	50
G 1500 DX16-TO	2800	RAV-SM1603AT-E	RAV-SP1604AT8-E	0,856	3,80	58	59
G 2000 DX22-TO	4200	-	RAV-SM2244AT8-E	1,284	5,70	59	92
G 2000 DX27-TO	4200	-	RAV-SM2804AT8-E	1,284	5,70	59	92
G 2500 DX27-TO	4900	-	RAV-SM2804AT8-E	1,498	6,65	60	96
G 3000 DX27-TO	5600	-	RAV-SM2804AT8-E	1,712	7,60	61	109
G 3000 DX32/2-TO	5600	2x RAV-SM1603AT-E	2x RAV-SP1604AT8-E	1,712	7,60	61	109
ECG 1000 DX11-TO	2190	RAV-SM1104ATP-E	RAV-SP1104AT8-E	0,225	1,95	61	50
ECG 1500 DX16-TO	2920	RAV-SM1603AT-E	RAV-SP1604AT8-E	0,300	2,60	62	59
ECG 2000 DX22-TO	4380	-	RAV-SM2244AT8-E	0,450	3,90	63	92
ECG 2000 DX27-TO	4380	-	RAV-SM2804AT8-E	0,450	3,90	63	92
ECG 2500 DX27-TO	5110	-	RAV-SM2804AT8-E	0,525	4,55	64	96
ECG 3000 DX27-TO	5840	-	RAV-SM2804AT8-E	0,600	5,20	65	109
ECG 3000 DX32/2-TO	5840	2x RAV-SM1603AT-E	2x RAV-SP1604AT8-E	0,600	5,20	65	109

(*) DX is also applicable to the models: Recessed Windbox, Smart, Dam, Recessed Dam, Deco, Variwind, Rund, Zen, Rotowind, Invisair.

32/2 Coil with double circuit and two outdoor units of 16kW.

(**) Air curtains supply is always 230Vx1.

TOSHIBA Inverter Outdoor Units	Heating Capacity	Heating Power	SCOP or COP (*)	Cooling Capacity	Cooling Power	SEER or EER (*)	Power Supply	Pipes Gas Liquid	Pipes Minimum Length	Pipes Maximum Length	Pipes Maximum Height
	kW	kW	W/W	kW	kW	W/W		inch	m	m	m
RAV-SM804ATP-E	8,0	2,21	4,02	6,7	2,09	5,63	230Vx1	5/8 3/8	5	30	30
RAV-SM1104ATP-E	11,2	2,93	3,54	10,0	3,11	5,58	230Vx1	5/8 3/8	5	50	30
RAV-SP1104AT8-E	11,2	2,42	4,28	10,0	2,37	6,57	400Vx3	5/8 3/8	3	75	30
RAV-SM1603AT-E	16,0	4,43	3,61	14,0	4,49	3,12	230Vx1	5/8 3/8	5	50	30
RAV-SP1604AT8-E	16,0	4,30	3,72	14,0	4,49	3,12	400Vx3	5/8 3/8	3	75	30
RAV-SM2244AT8-E	22,4	6,49	3,45	20,0	7,20	2,78	400Vx3	1"1/8 1/2"	7,5	70	30
RAV-SM2804AT8-E	27,0	8,15	3,31	23,0	8,75	2,63	400Vx3	1"1/8 1/2"	7,5	70	30

(*) Energy efficiency: SCOP and SEER seasonal ratio under 12kW and COP and EER over 12kW.