

SALES BULLETIN UPDATE

Digital Inverter 4 Series High Static Ducted 8HP and 10HP Indoors

- Improved Lighter and Slimmer Chassis
- Increased External Static Pressure
- Increased Air Flow Volume

*** Available Q3 2016 ***

TOSHIBA are pleased to announce the production of the new 4 series High Static Ducted type 8HP and 10HP indoor units to complement the RAV Digital Inverter range of high static ducted indoor unit line-up.

1. Unit Line-Up

Capacity Range HP	New Model	Rated Capacity (kW)	
		Cooling	Heating
8.0	RAV-SM2244DTP-E	20.0	22.4
10.0	RAV-SM2804DTP-E	23.7	27.0

2. Connectable Outdoor Units

1. RAV-SM2244AT8-E
2. RAV-SM2804AT8-E



3. Availability

RAV-SM2244DTP-E/RAV-SM2804DTP-E Available Q3 2016

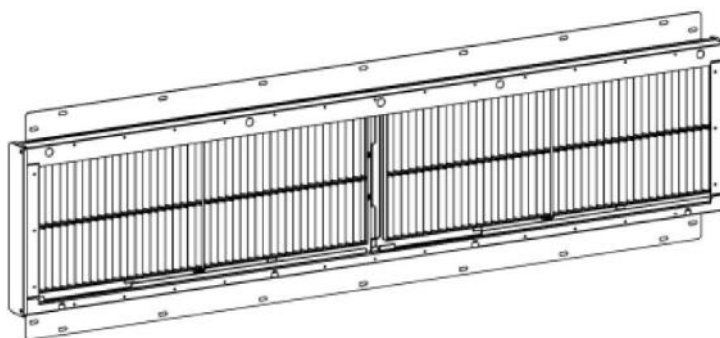
4. Features

New Model	New Dimensions	New Weight	New External Pressure	New Air Flow
RAV-SM2244DTP-E	448 x 1400 x 900	97	50 – 83 – 117	3800
RAV-SM2804DTP-E				4800

For further information please contact our customer support team on 0870 843 0333, your local representative, your supplier of **TOSHIBA** products or email any enquiries to: - general.enquiries@toshiba-ac.com

5. Accessories

- Long Life Filter Kit
 - Shaped flange
 - Mount directly on chassis
 - Upside down mountable
 - Removable from left and right
- Drain Pump Kit
 - Lift up to 500mm



6. Specification

DIGITAL INVERTER

HIGH STATIC DUCTED						
Model name		Indoor Unit	RAV-	SM2244DTP E	SM2804DTP-E	
		Outdoor Unit	RAV-	SM2244AT8-E	SM2804AT8-E	
Cooling capacity	*Note 1		(kW)	20.0	23.7	
Heating capacity	*Note 1		(kW)	22.4	27.0	
Electrical characteristics (factory setting)	Cooling	Indoor Unit	Power supply	1phase 50Hz 230V(220V-240V)		
			Running current (50Hz,230V)	(A)	2.80	3.75
			Power consumption	(kW)	0.530	0.785
		Power factor		0.82	0.91	
		Outdoor Unit	Power supply	3-phase 4 wires 50Hz 380V-415V		
			Running current (380-415V)	(A)	9.44 - 10.31	12.66 - 13.82
	Power consumption		(kW)	5.89	8.14	
	Total	Power consumption	(kW)	6.29 (2.63-7.60)	8.75 (2.68-12.20)	
		EER *Note 2		3.18	2.71	
		Power supply	1phase 50Hz 230V(220V-240V)			
	Heating	Indoor Unit	Running current (50Hz,230V)	(A)	2.80	3.75
			Power consumption	(kW)	0.530	0.785
			Power factor		0.82	0.91
		Outdoor Unit	Power supply	3-phase 4 wires 50Hz 380V-415V		
			Running current (380-415V)	(A)	8.51 - 9.29	10.27 - 11.22
			Power consumption	(kW)	5.51	6.51
Total	Power consumption	(kW)	5.91 (2.32-7.02)	7.20 (2.55-9.32)		
	COP *Note 2		3.79	3.75		
	Maximum Current	Indoor Unit	starting current	(A)	8.15	8.15
	Outdoor Unit	starting current	(A)	18.0	20.0	
Appearance				Zinc hot dipping steel plate		
Dimension		Height	(mm)	448		
		Width	(mm)	1400		
		Depth	(mm)	900		
Weight			(kg)	97		
Heat exchanger				Finned tube		
Soundproof/ Heat-insulating material				Polyethylene foam		
Fan unit		Fan		Centrifugal fan		
		Standard air flow (Med./Low)	(m3/h)	3,800 (3,200 / 2,500)	4,800 (4,200 / 3,500)	
		Motor output	(kW)	1kW * 1pc		
		External static pressure (factory setting)	(Pa)	150		
		External static pressure range	(Pa)	50-83-117-150-183-217-250 (7steps)		
Controller				Remote controller		
Air filter				Sold separately (TCB-LK2801DP-E)		
Drain pump				Sold separately (TCB-DP4ODPE)		
Connecting pipe		Gas side	(mm)	028.6		
		Liquid side	(mm)	012.7		
		Drain port	(mm)	25(Polyvinyl chloride tube)		
Sound pressure level (High/Med./Low) *Note 3 (factory setting)			(dB(A))	44 / 40 / 36	46 / 42 / 38	
Sound power level (High/Med./Low)			(dB(A))	79 / 75 / 71	81 / 77 / 73	

Note 1 : The cooling capacities and electrical characteristics are measured under the conditions specified by JIS B 8615 based on the reference piping.

The reference piping consists of 7.5m piping connected with 0 meter height.

Note 2 : The EER and COP are measured under conditions specified by BS EN14511(2013) External static pressure is different from factory setting.

Note 3 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616.

Normally, the values measured in the actual operating environment become larger than the indicated values due to the effects of external sound.

Note: Rated conditions Cooling: Indoor air temperature 27°C DB/19°C WB, Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20R DB, Outdoor air temperature 7t DB/6°C WB



TOSHIBA AIRCONDITIONING

Advancing the **eco**-evolution