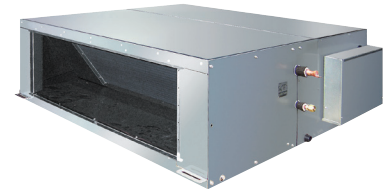


DIGITAL INVERTER




High-Static Ducted Indoor Unit

CODE		200		237	
Performance					
Indoor Unit		RAV-	SM2244DTP-E	SM2804DTP-E	
Outdoor Unit		RAV-	SM2246AT8-E	SM2806AT8-E	
Nominal	Cooling Capacity	kW	20.0	23.7	
	Heating Capacity	kW	22.4	27.0	
UK	EER/COP	W/W	3.18/3.79	2.71/3.75	
	Cooling Total/Sensible	kW	18.2/15.8	21.5/18.8	
Cooling EN14825	Heating	kW	14.63	17.63	
	Range Min. - Max.	kW	4.6 - 22.4	4.6 - 27.0	
	Power Input	kW	7.20	8.75	
	Pdesign	kW	19.00	22.50	
	SEER/Energy Efficiency Class (or ηsc %)		4.80/189.0	4.73/186.2	
	Seasonal Energy Consumption	kWh/a	-	-	
Heating EN14825	Range Min. - Max.	kW	9.8 - 25.0	9.8 - 31.5	
	Power Input	kW	6.49	8.15	
	Pdesign	kW	18.00	20.00	
	SCOP/Energy Efficiency Class (or ηsc(A) %)		3.51/137.4	3.44/134.6	
	Seasonal Energy Consumption	kWh/a	-	-	
Indoor Data					
Air Flow	High - Medium - Low	l/s	1056 - 889 - 694	1333 - 1167 - 972	
	High - Medium - Low	m³/h	3800 - 3200 - 2500	4800 - 4200 - 3500	
External Static Pressure	Standard (Upper - Lower)	Pa	150 (250 - 50)	150 (250 - 50)	
Sound	Pressure High - Medium - Low	dB(A)	44 - 40 - 36	46 - 42 - 38	
	Power High - Medium - Low	dB(A)	79 - 75 - 71	81 - 77 - 73	
Unit	Height x Width x Depth	mm	448 x 1400 x 900	448 x 1400 x 900	
	Weight	kg	97	97	
Pipe Connection	Flare Connections (gas - liquid)	inch	1-1/8 - 1/2	1-1/8 - 1/2	
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25	
Run Current	Maximum	A	2.80	3.75	
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-15	220-240/1/50-15	
Remote Controller			RBC-AMT32E	RBC-AMT32E	
Outdoor Data					
Operating Range	Cooling/Heating	°C	52 to -15/15 to -27	52 to -15/15 to -27	
Air Flow	High	m³/h - l/s	9180 - 2550	10920 - 3033	
Sound	Pressure High Cooling/Heating	dB(A)	58/60	61/63	
	Power High Cooling/Heating	dB(A)	76/76	78/80	
Unit	Height x Width x Depth	mm	1550 x 1010 x 370	1550 x 1010 x 370	
	Weight	kg	142	142	
Pipe Connection	Flare Connections (gas - liquid)	inch	1-1/8 (3/4) - 1/2	1-1/8 (3/4) - 1/2	
	Min.-Max. Length	m	5-100	5-100	
	Maximum Height Difference	m	±30	±30	
	Drain Port Connection	mm	16	16	
Refrigerant	Gas - Base Charge/Chargeless Length	kg/m	R410A - 5.9/30	R410A - 5.9/30	
	Additional Charge Liquid Side	g/m	90	90	
Run Current	Maximum	A	10.78	15.06	
Power Supply	Suggested Fuse Size	V/ph/Hz-A	380-415/3/50-16	380-415/3/50-20	

Accessories


RBC-AMS41E	Remote Controller Built-In Timer	Full control including service functions with fully-programmable 7-day timer
RBC-MTSC1	Mini Touch Screen Controller	Mini touch screen controller with configurable icons
RBC-AMS55E-ES	Remote Controller	Includes timer and backlight display as well as power-save functions, multilingual
RBC-AS41E	Simplified Controller	Ideal for hotel and basic use applications (no service function available)
RBC-ASC11E	Compact Remote Controller	Simplified backlight display controller with timer off, multilingual
RBC-SMF1	Fan Interface	Interface to provide an output to enable an external fan from the unit
RBC-SMT1	CN02 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller
TCB-PCUC2E	Indoor Control Interface	Application Control Kit
TCB-TC41LE	Remote Sensor	Room temperature sensing in conditioned space

 Concealed false ceiling installation

 Auto-diagnosis


 Chargeless

 Self-cleaning
20 Mins.

 Single-split

 Wired controller

 Automatic restart

 Low ambient cooling to -15°C DB

TOSHIBA

