



VRF Fresh Air Intake Indoor Unit

CODE		140	224	280	
Performance					
Indoor Unit		MMD-	AP0481HFE	AP0721HFE	AP0961HFE
Capacity Code		hp	5.0	8.0	10.0
Nominal	Cooling Capacity	kW	14.0	22.4	28.0
	Heating Capacity	kW	8.9	13.9	17.4
UK	Cooling Total/Sensible	kW	12.7/6.3	20.3/9.9	25.4/12.4
	Heating	kW	6.0	9.4	11.8
Operating Limits	Indoor Temperature Range	°C	16-27	16-27	16-27
	Cooling Limit	°C	19	19	19
	Ambient Cooling Fan Only	°C	≥ 5/≤ 19	≥ 5/≤ +19	≥ 5/≤ 19
	Heating Limit	°C	≥ -3/≤ 15	≥ -3/≤ 15	≥ -3/≤ 15
	Fan Stop Cooling - Heating	°C	≤ 3/≤ -5	≤ 3/≤ -5	≤ 3/≤ -5
Electrical	Power Input	kW	0.280	0.450	0.520
	Run Current	A	1.43	2.52	2.73
	Start Current	A	3.50	7.00	7.00
Indoor Data					
Air Flow	Standard	l/s	300	467	583
	Upper - Lower	l/s	333 - 217	517 - 333	650 - 417
	Standard	m³/h	1080	1680	2100
	Upper - Lower	m³/h	1188 - 756	1848 - 1176	2310 - 1470
External Static Pressure	Standard	Pa	210	165	190
	Upper - Lower	Pa	230 - 170	180 - 140	205 - 160
Sound	Pressure High - Medium - Low	dB(A)	45 - 43 - 41	46 - 45 - 44	46 - 45 - 44
	Power High - Medium - Low	dB(A)	65 - 63 - 61	66 - 65 - 64	66 - 65 - 64
Unit	Height x Width x Depth	mm	492 x 892 x 1262	492 x 1392 x 1262	492 x 1392 x 1262
	Weight	kg	93	144	144
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	7/8 - 1/2	7/8 - 1/2
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25	VP32/25
Height Difference	Fresh Air Intake To Fresh Air Intake	m	±0.5	±0.5	±0.5
	Fresh Air Intake To Indoor	m	±30	±30	±30
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-10	220-240/1/50-15	220-240/1/50-15

Accessories

RBC-AMT32E	Remote Controller	Full control including service functions
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-SMCN61	ON/OFF And Locking Lead	Lead to remotely switch a unit ON/OFF and to lock this function
RBC-SMT1	CN02 Connector Timer Interface Lead	Lead to provide ON/OFF control from the RBC-AMT32E remote or any central controller

Note: Connect to SMMSe only. Maximum connected capacity 30% of outdoor capacity.



Concealed false ceiling installation



Automatic restart



Multi-split branching