

FDB/MF & FDMQN SERIES

COOLING ONLY & HEAT PUMP



ENHANCE THE DÉCOR OF YOUR ROOM WITH THE NEW UNOBTRUSIVE CONCEALED SERIES



FDBF12~FDMF54 (COOLING ONLY)	3.5 KW ~ 15.8 KW	COOLING	R-32
FDMQN25~140 (HEAT PUMP)	2.8 KW ~ 16.1 KW	COOLING	R-410A
	2.8 KW ~ 16.1 KW	HEATING	R-410A

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRED HANDSETS

Standard

BRC51A61
(Heat Pump)



(Applicable for FDMQN only)



LCD type
(Applicable for FDB/MF)

WIRELESS HANDSETS

Standard

BRC52A61
(Heat Pump)



(Applicable for FDMQN only)

*Available with FDMQN models.

**DUCT CONNECTION MIDDLE AND HIGH STATIC PRESSURE
INVERTER TYPE (COOLING ONLY)**



Model Name	Indoor unit		FDMF125BRV16	FDMF140BRV16	FDMF125BRY16	FDMF140BRY16	
	Outdoor unit		RZMF125BRV16	RZMF140BRV16	RZMF125BRY16	RZMF140BRY16	
Power supply			1 Phase, 220-240 V, 50 Hz	1 Phase, 220-240 V, 50 Hz	IDU 1 Phase/ODU 3 Phase, 380-415 V, 50 Hz	IDU-1phase /ODU 3 Phase, 380-415 V,50 Hz	
Tonnage Range			3.5 TR	4 TR	3.5 TR	4 TR	
Cooling capacity -Rated (min ~max)		kW	12.5(5.7-14.0)	14.0 (6.2-15.4)	12.5(5.7-14.0)	14.0 (6.2-15.4)	
Power consumption	Cooling-Rated	kW	4.700	6.100	4.400	5.700	
ISEER / Stars/COP		Wh/Wh	2.66	2.3	2.84	2.46	
Indoor Unit	Airflow rate (H/M/L)		m ³ /min	40/34/28	40/34/28	40/34/28	40/34/28
			cfm	1412/1200/989	1412/1200/989	1412/1200/989	1412/1200/989
	Sound level (H/L)		dB(A)	42/39/35	42/39/35	42/39/35	42/39/35
	Dimensions (HXWxD)		mm	300x1400x700	300x1400x700	300x1400x700	300x1400x700
Machine weight		kg	45	45	45	45	
Outdoor Unit	Compressor	Type	Hermetically Sealed Swing Type	Hermetically Sealed Swing Type	Hermetically Sealed Swing Type	Hermetically Sealed Swing Type	
		Motor output	kW	2.4	2.4	2.4	2.4
	Refrigerant			R-32	R-32	R-32	R-32
	Refrigerant charge		kg	3.1 (Charged For 30m)	3.1 (Charged For 30m)	3.1 (Charged For 30m)	3.1 (Charged For 30m)
	Sound level	Cooling	dB(A)	55	55	55	55
	Dimensions (HXWxD)		mm	990x940x320	990x940x320	990x940x320	990x940x320
	Machine weight		kg	69	69	69	69
Certified operation range		°CDB	19 to 48	19 to 48	19 to 48	19 to 48	
Piping connections	Liquid (Flare)		mm	ø9.5	ø9.5	ø9.5	ø9.5
	Gas (Flare)		mm	ø15.9	ø15.9	ø15.9	ø15.9
	Drain		mm	VP25 (I.D ø25 , O.D ø32)	VP25 (I.D ø25 , O.D ø32)	VP25 (I.D ø25 , O.D ø32)	VP25 (I.D ø25 , O.D ø32)
Max. interunit piping length		m	50 (Equivalent length 70)	50 (Equivalent length 70)	50 (Equivalent length 70)	50 (Equivalent length 70)	
Max. installation level difference		m	30	30	30	30	