

FDB/MF SERIES

COOLING ONLY **R-32**



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



FDBF12~FDMF48 (COOLING ONLY)

3.5 KW ~ 14.0 KW

COOLING

R-32

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRED HANDSETS

Standard



LCD type
(Applicable for FDB/MF)

WIRELESS HANDSETS

Optional

BRC4N151
(Cooling Only)



TECHNICAL SPECIFICATIONS-Ceiling Concealed Duct Type

R-32

UNIT	Product Category	Unit	LSP DUCT SERIES TYPE			MSP DUCT SERIES TYPE				
	Nominal Capacity	TR		1.0	1.5	2.0	2.5	2.8	3.5	4.0
Rated Capacity	Watt		3516	5274	7032	8790	9845	12306	14064	
Rated Capacity	BTU/Hr		12000	18000	24000	30000	33600	42000	48000	
Rated Power Input	Watt		1090	1740	2050	2710	3120	3950	4630	
COP	W/W		3.23	3.03	3.43	3.24	3.16	3.12	3.04	
Operating Range	IDU (DB/WB)°C		19/14~35/24			19/14~35/24				
	ODU		19~48			19~48				
IDU	Model Number	-----	FDBF12CRV1	FDBF18CRV1	FDBF24CRV1	FDMF30CRV1	FDMF36CRV1	FDMF42CRV1	FDMF48CRV1	
	Casing Size (HXWXD)	MM	250X880X605		250X1130X605	295X1430X665		295X1730X665		
	Power Supply	V/Hz/Ph	220-240V/50/1ph			220-240V/50/1ph				
	Air Flow Rate (High)	CFM	400	600	800	1000	1200	1400	1500	
	ESP	Pa	20			20	30	40	50	
	Fan Speed	No	3			3				
	Sound Pressure Level (High)	(dBA)	38	41	43	43	46	47	49	
	Remote Controller (With IDU)	Wired Type-Standard							
	Net Weight	Kg	31	31	34	50	55	55	69	
	Model Number	-----	RGF12CRV1	RGF18CRV1	RGF24CRV1	RGF30CRV1	RGF36CRV1	RGF42CRV1	RGF48CRV1	
Casing Color	----	IVORY WHITE								
Casing Size (HXWXD)	mm	550X765X285	595X845X300			990X940X320				
Power Supply	V/Hz/Ph	220-240V/50/1ph			220-240V/50/1ph		380-415V/50/3ph			
Max Total Pipe Length	Mtr.	20			20		30			
Max Vertical Pipe Length	Mtr.	10			10		15			
Std Pipe Length	Mtr.	7.5			7.5					
Sound Pressure Level	(dBA)	51	54	56	58			60		
Pre charge & Service Valve	YES/NO	Yes			Yes					
Protection Device	-	Inbuilt TOP Comp & Motor			Inbuilt TOP Comp & Motor		LP/HP/SPPR/UV/OV			
Piping Size (mm)	Gas	12.7			15.9		15.9			
	Liquid	6.4					9.5			
Refrigerant Type	----	R-32								
Refrigerant Charge	Kg	0.72	0.68	1.16	1.41	2.235	1.92	1.835		
Compressor Type	Type	Rotary			Rotary		Scroll			
Accumulator	----	Part of Compressor			Part of Compressor		No			
HE Type/Coating	Type	FTHX(Precoated)			FTHX(Precoated)					
Net Weight (Approx)	Kg	30	36	45	63	65	69	70		
Installation Kit	YES/NO	No			No					

Note :

1. Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).
2. Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, outdoor temp., 7°CDB, 6°CWB. Equiv. refrigeration piping, 7.5 m (horizontal)
3. Initial setting is standard.
4. Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

*Due to continuous R&D, Technical Specification, features, Product image may change.