

230 V

Classic

AIR CONDITIONERS



F-Series Mini-Split System

Sistema de Mini-Split F-Series

MODEL / MODELO: MWFFC_S / MRFFC_AS

SPECIFICATIONS / ESPECIFICACIONES

Model		MWFFC09S/MRFFC09AS	MWFFC12S/MRFFC12AS	MWFFC18S/MRFFC18AS	MWFFC24S/MRFFC24AS	
Power supply		Ph-V-Hz	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	1020	1386	1972	2310
	Rated current	A	4.6	6.3	8.5	10.5
	SEER	W/W	10	10	10	10
Moisture Removal		L/h	1.0	1.1	1.7	2.2
Max. input consumption		W	1250	1980	2300	3520
Max. current		A	6.5	9.0	11.5	16.0
Starting current		A	15.7	42	43.3	53.1
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		LG	LG	GMCC	GMCC
	Locked rotor Amp(LRA)	A	15.7	42	43.3	53.1
	Capacitor	uF	30	40	40	50
	Refrigerant oil/oil charge	ml	PVE or POE /230 cc	POE /280cc	ESTER OIL VG74/480	ESTER OIL VG74/480
Indoor Fan Motor	Brand		Welling	Welling	Welling	Broad-ocean
	Capacitor	uF	1.2	1.5	1.5	3.0
	Speed(Hi/Mi/Lo)	r/min	1200 / 950 / 800	1200 / 1050 / 900	1280 / 1100 / 950	1220 / 1100 / 900
Indoor Coil	Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia. and type	mm	Φ5,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube
	Coil length x height x width	mm	540x80x11.28+540x180x22.56	621x84x13.37+621x189x26.74	750x294x26.74	780x315x26.74
	Number of circuits		2	2	3	5
Indoor air flow (Hi/Mi/Lo)		m ³ /h	470/370/310	600/530/450	750/640/560	1100/990/810
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/34/31	42/39/36	44/40/36	49/45/41
Indoor unit	Dimension(W*D*H)	mm	715x188x250	800x188x275	940x205x275	1045x235x315
	Packing (W*D*H)	mm	775x260x324	865x265x350	1015x265x350	1135x395x315
	Net/Gross weight	Kg	6.5 / 8.5	6.5 / 8.5	10 / 12.5	12 / 15
Outdoor Fan Motor	Brand		Welling	Welling	Welling	Welling
	Capacitor	uF	1.5	2.5	2.5	3.0
	Speed	r/min	1015 / -- / --	1000 / -- / --	1070 / -- / --	950 / -- / --
Outdoor Coil	Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside dia. and type	mm	Φ5,innergroove tube	Φ5,innergroove tube	Φ5,innergroove tube	Φ5,innergroove tube
	Coil length x height x width	mm	500x390x11.6	688x507x11.6	750x507x11.6	750x546x11.6
	Number of circuits		1	2	2	4
Outdoor air flow		m ³ /h	1400	1800	2000	2500
Outdoor noise level		dB(A)	55	56	48	60
Outdoor unit	Dimension(W*D*H)	mm	685x260x430	700x240x540	780x250x540	820x330x595
	Packing (W*D*H)	mm	795x345x495	815x325x580	910x335x585	940x415x645
	Net/Gross weight	Kg	19.5 / 21	23 / 25	30.5 / 32	37 / 39.9
Refrigerant type / Refrigerant Charge		g	R410A/380g	R410A/440g	R410A/580g	R410A/830g
Refrigerant piping	Liquid side/ Gas side	Mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	20	20	20	25
	Max. difference in level	m	8	8	8	10
Operation temperature	Indoor(cooling/ heating)	°C	17~32/----	17~32/----	17~32/----	17~32/----
	Outdoor(cooling/heating)	°C	18~43/----	18~43/----	18~43/----	18~43/----
Application area		m ²	13-22	16-27	25-42	31-51