



**230V**

# F-Series mini-split system

## Sistema de mini-split F-Series

### MODEL / MODELO: MWFFT\_S / MRFFT\_AS SPECIFICATIONS / ESPECIFICACIONES

Model		MWFFT09S/MRFFT09AS	MWFFT12S/MRFFT12AS	MWFFT18S/MRFFT18AS	MWFFT24S/MRFFT24AS
Power supply		Ph-V-Hz	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph	220-230V~ 60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000
	Input	W	1020	1386	1972
	Rated current	A	4.6	6.3	8.5
	SEER	BTU/W	10	10	10
Moisture Removal		L/h	1.0	1.1	1.7
Max. input consumption		W	1250	1980	2300
Max. current		A	6.5	9.0	11.5
Starting current		A	15.7	42	43.3
Compressor	Type		ROTARY	ROTARY	ROTARY
	Brand		LG	LG	GMCC
	Locked rotor Amp(LRA)	A	15.7	42	43.3
	Capacitor	uF	30	40	40
	Refrigerant oil/oil charge	ml	PVE or POE /230 cc	POE /280cc	ESTER OIL VG74/480
Indoor Fan Motor	Brand		Welling	Welling	Welling
	Capacitor	uF	1.2	1.5	1.5
	Speed(Hi/Mi/Lo)	r/min	1200 / 950 / 800	1200 / 1050 / 900	1280 / 1100 / 950
Indoor Coil	Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia. and type	mm	Φ6,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
	Number of circuits		2	2	3
Indoor air flow (Hi/Mi/Lo)		m3/h	470/370/310	600/530/450	750/640/560
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/34/31	42/39/36	44/40/36
Indoor unit	Dimension(W*D*H)	mm	715x188x250	800x188x275	940x205x275
	Packing (W*D*H)	mm	775x260x324	865x265x350	1015x265x350
	Net/Gross weight	Kg	6.5 / 8.5	6.5 / 8.5	10 / 12.5
Outdoor Fan Motor	Brand		Welling	Welling	Welling
	Capacitor	uF	1.5	2.5	2.5
	Speed	r/min	1015 / - / -	1000 / - / -	1070 / - / -
Outdoor Coil	Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside dia. and type	mm	Φ5,innergroove tube	Φ5,innergroove tube	Φ5,innergroove tube
	Coil length x height x width	mm	500x390x11.6	688x507x11.6	750x507x11.6
	Number of circuits		1	2	2
Outdoor air flow		m3/h	1400	1800	2000
Outdoor noise level		dB(A)	55	56	48
Outdoor unit	Dimension(W*D*H)	mm	685x260x430	700x240x540	780x250x540
	Packing (W*D*H)	mm	795x345x495	815x325x580	910x335x585
	Net/Gross weight	Kg	19.5 / 21	23 / 25	30.5 / 32
Refrigerant type / Refrigerant Charge		g	R410A/380g	R410A/440g	R410A/580g
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")
	Max. refrigerant pipe length	m	20	20	20
	Max. difference in level	m	8	8	8
Operation temperature	Indoor	°C	17~32/----	17~32/----	17~32/----
	Outdoor	°C	18~43/----	18~43/----	18~43/----
Application area		m2	13-22	16-27	25-42