



Quantum Inverter Series

Serie Quantum Inverter



Models / Modelos MWFT_SA/MRFT_ASA

115 V

Technical Specifications / Especificaciones Técnicas

Model			MWFT09SA2/MRFT09ASA2	MWFT12SA2/MRFT12ASA2
Power supply		Ph-V-Hz	115V~60Hz ,1Ph	115V~60Hz ,1Ph
Cooling	Capacity	Btu/h	9000	12000
	Input	W	665	920
	Rated current	A	5.8	8.0
	SEER	Btu/w	21	21
MINIMUM CIRCUIT AMPACITY		A	15.0	15.0
MAX.FUSE		A	20.0	25.0
Compressor	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Rated current(RLA)	A	9.80	10.50
	Refrigerant oil/oil charge	ml	Ester Oil VG74 370ml	ESTER OIL VG74-370
Indoor Fan Motor	Brand		Shibaura	Shibaura
	Input	W	20(Output)	20(Output)
	RLA	A	0.19	0.19
	Speed(Hi/Mi/Lo)	r/min	1200/1050/800	1250/1050/800
Indoor air flow (Hi/Mi/Lo)		CFM	360/310/235	360/305/230
Indoor noise level (Hi/Mi/Lo)		dB(A)	43.9/37.5/31	43.2/36.2/29.2
Indoor Unit	Dimension(W*D*H)	inch	31.50x7.40x10.83	31.50x7.40x10.83
	Packing (W*D*H)	inch	34.06x10.43x13.78	34.06x10.43x13.78
	Net/Gross weight	lbs.	15.87/19.84	16.31/20.28
Outdoor Fan Motor	Brand		Panasonic	Shibaura
	Input	W	35(Output)	40(Output)
	RLA	A	0.16	0.16
	Speed	r/min	800/750/700	800/700/600
Outdoor Coil	c. FINS/INCH		21	21
	d.Fin type (code)		UnHydrophilic aluminium	UnHydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ5,innergroove tube	Φ5,innergroove tube
	f.Coil length x height x width	mm	750x507x23.2	880x507x23.2
	g.Number of circuits		4	4
Outdoor air flow		CFM	1060	1175
Outdoor noise level		dB(A)	52.9	55
Outdoor Unit	Dimension(W*D*H)	inch	30.71x9.84x21.26	31.89x12.20x21.97
	Packing (W*D*H)	inch	35.83x13.19x23.03	36.61x15.75x24.21
	Net/Gross weight	lbs.	60.63/66.14	72.53/78.70
Refrigerant type		oz	R410A/30.7	R410A/30.3
Refrigerant precharge		ft	25	25
Additional charge for each ft		oz	0.161	0.161
Design pressure		PSIG	550/340 PSIG	550/340 PSIG
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")
	Max. refrigerant pipe length	ft	82	82
	Max. difference in level	ft	33	33
Connection wiring			16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded
Thermostat type			Remote Control	Remote Control
Operation Temperature	Indoor(cooling/ heating)	°F	62~90/----	62~90/----
	Outdoor(cooling/heating)	°F	5~122/----	5~122/----
Application area		sq.ft	129-189	172-252

Features and Benefits

