

- 20+ SEER on ALL capacities
- 4-meter pipe kit standard
- Gold Fin coating prevents corrosion in salt-heavy area and improves heat transfer
- Improved condensing unit design for easier maintenance

Quantum Inverter Series



115 V



230 V

Model		MWFT09SA/MRFT09ASA	MWFT12SA/MRFT12ASA
Power supply	Ph-V-Hz	115V~60Hz, 1Ph	115V~60Hz, 1Ph
Cooling	Capacity	Btu/h 9000	12000
	Rated current	A 5.8	8.0
	SEER	Btu/w 21	20
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
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 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 piping	Liquid side/ Gas side	mm (inch) Φ 6.35/ Φ 9.52 (1/4"/3/8")	Φ 6.35/ Φ 12.7 (1/4"/1/2")
Application area		sq.ft 129-189	172-252



R~410A

Model		MWFT09S/MRFT09AS	MWFT12S/MRFT12AS	MWFT18S/MRFT18AS	MWFT24S/MRFT24AS
Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph
Cooling	Capacity	Btu/h 9000	12000	18000	22000
	Rated current	A 2.9	4	6.3	7.7
	SEER	Btu/w 21	20	20	20
MINIMUM CIRCUIT AMPACITY		A 7	15	14	15
MAX FUSE		A 15	20	20	25
Compressor	Type	ROTARY	ROTARY	ROTARY	Twin-rotary
	Brand	GMCC	GMCC	GMCC	GMCC
	Rated current(RLA)	A 5.25	5.25	9.7	8.85
Indoor air flow (Hi/Mi/Lo)		CFM 360/310/235	350/295/225	725/665/540	655/600/490
Indoor noise level (Hi/Mi/Lo)		dB(A) 43.8/37.6/31.3	44.2/36.5/28.8	50.4/45.1/39.8	51/45.2/39.3
Indoor Unit	Dimension(W*D*H)	inch 31.50x7.40x10.83	31.50x7.40x10.83	41.14x9.25x12.40	41.14x9.25x12.40
	Packing (W*D*H)	inch 34.06x10.43x13.78	34.06x10.43x13.78	44.69x15.55x12.40	44.69x15.55x12.40
	Net/Gross weight	lbs. 16.31/20.94	19.84/25.35	26.23/34.17	27.34/34.61
Outdoor air flow		CFM 1060	1180	1470	2355
Outdoor noise level		dB(A) 52.3	55.3	60.2	60
Outdoor Unit	Dimension(W*D*H)	inch 30.71x9.84x21.26	31.89x12.20x21.97	33.27x12.60x27.56	37.20x15.55x31.89
	Packing (W*D*H)	inch 35.83x13.19x23.03	36.61x15.75x24.21	37.99x15.55x29.72	42.91x18.70x33.66
	Net/Gross weight	lbs. 60.63/66.14	68.34/72.75	89.95/97.44	135.80/147.27
Refrigerant piping	Liquid side/ Gas side	mm (inch) Φ 6.35/ Φ 9.52 (1/4"/3/8")	Φ 6.35/ Φ 12.7 (1/4"/1/2")	Φ 6.35/ Φ 12.7 (1/4"/1/2")	Φ 9.52/ Φ 16 (3/8"/5/8")
Application area		sq.ft 129-189	172-252	258-379	315-463



Sleep Mode

The function enables the air conditioner to automatically increase cooling or decrease heating 1°C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off. This function maintains both energy saving and comfort at night.



5 Grades Outdoor Fan Speeds

Due to the DC fan motor, outdoor fan speeds increased from 2 grades to 5 grades, more comfortable and energy saving.



Louver Position Memory

Horizontal louver will automatically move to the same position as you set last time when the unit turned on.



Refrigerant Leakage Detect

Indoor unit will show error code "EC" and stop automatically when refrigerant leakage is detected. This function can better protect compressor being damaged by high temperature due to refrigerant leakage.



Turbo

This function gives you a boost in cooling and heating power for a period, and makes the room cool down or heat up rapidly.



12 Grades Indoor Fan Speeds

Up to 12 grades indoor fan speeds, ensure more accurate control and bring more comfortable air flow.



Low Ambient Cooling

With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condensation temperature. The air conditioner can run cooling operation even when the outdoor ambient temperature down to -15°C.