

1. Model Reference

Refer to the following table to determine the specific indoor and outdoor unit model number of your purchased equipment.

Indoor Unit Model	Outdoor Unit Model	Capacity (Btu/h)	Power Supply
MSEPBU-09HRFN8-QRD6GW	MOX330-09HFN8-QRD6GW(GA)	9k	1Φ, 220~240V~, 50Hz
MSEPBU-12HRFN8-QRD6GW	MOX330-12HFN8-QRD6GW(GA)	12k	
MSEPCU-18HRFN8-QRD0GW	MOX430-18HFN8-QRD0GW	18k	
MSEPDU-24HRFN8-QRD0GW	MOX430-24HFN8-QRD0GW	24k	

2. General Specifications

Model			MSEPBU-09HRFN8-QRD6GW	MSEPBU-12HRFN8-QRD6GW
Power supply		V- Ph-Hz	220~240-1-50	220~240-1-50
Max. input consumption		W	2300	2300
Max. current		A	10.5	10.5
Compressor	Model		KSN98D22UFZ	KSN98D22UFZ
	Type		ROTARY	ROTARY
	Brand		GMCC	GMCC
	Capacity	W	3095	3095
	Input	W	790	790
	Rated current(RLA)	A	5.3	5.3
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		NA	NA
	Capacitor	uF	/	/
	Refrigerant oil/oil charge	ml	RB74A F/370	RB74A F/370
Indoor fan motor	Model		ZKFP-20-8-6-7	ZKFP-20-8-6-7
	Input	W	50.0	50.0
	Output	W	20	20
	Capacitor	uF	/	/
	Speed(Hi/Mi/Lo)	r/min	960/830/630	1000/850/700
Indoor coil	Number of rows		2	2
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube
	Coil length x height x width	mm	635x84x26.74+ 635x126x26.74+ 635x105x26.74	635x84x26.74+ 635x126x26.74+ 635x105x26.74
	Number of circuits		3	3
Indoor air flow (Hi/Mi/Lo)		m3/h	530/360/280	560/380/290
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	37/32/21.5	40/33/22
Indoor sound power level		dB(A)	58	59
Indoor unit	Dimension(W*D*H)	mm	795x225x295	795x225x295
	Packing (W*D*H)	mm	870x370x305	870x370x305
	Net/Gross weight	Kg	10.2/13	10.2/13
Outdoor fan motor	Model		ZKFN-34-10-1	ZKFN-34-10-1
	Input	W	99.6	99.6
	Output	W	34.0	34.0
	Capacitor	uF	/	/
	Speed	r/min	760/350	760/350

Outdoor coil	Number of rows		1	1
	Tube pitch(a)x row pitch(b)	mm	21x22	21x22
	Fin spacing	mm	1.3	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube
	Coil length x height x width	mm	870x504x44	870x504x44
	Number of circuits		2	2
Outdoor air flow		m3/h	2200	2200
Outdoor sound pressure level		dB(A)	57	57.5
Outdoor sound power level		dB(A)	64	65
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	805x330x554
	Packing (W*D*H)	mm	915x370x615	915x370x615
	Net/Gross weight	Kg	28.4/31	28.4/31
Refrigerant	Type		R32	R32
	GWP		675	675
	Charged quantity	Kg	0.69	0.69
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	10	10
Connection wiring			1.5x5Core	1.5x5Core
Plug type			1.5x3/no-plug	1.5x3/no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature			16-30	16-30
Ambient temperature	Indoor(cooling/ heating)	°C	16-32/0-30	16-32/0-30
	Outdoor(cooling/heating)	°C	-15-50/-25-24	-15-50/-25-24
Qty'per 20' /40' /40'HQ			94/190/220	94/190/220

Notes:

1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB

-Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB

-Interconnecting Piping Length 5m

- Level Difference of Zero.

Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB

-Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB

- Interconnecting Piping Length 5 m

- Level Difference of Zero.

2) Capacities are Net Capacities.

3) Due to our policy of innovation some specifications may be changed without notification.