

Indoor Unit Model		MSAGCU-18HRFNX-QRD0GW	MSAGDU-24HRFN8-QRD0GW	
Outdoor Unit Model		MOX301-18HFN8-QRD0GW	MOX401-24HFN8-QRD0GW	
Power supply	V- Ph-Hz	220~240-1-50	220~240-1-50	
Rated Power Input	W	2500	3700	
Rated Current	A	13	19	
Compressor	Model	KSN140D21UFZ	KTM240D57UMT	
	Type	ROTARY	ROTARY	
	Brand	GMCC	GMCC	
	Capacity	W	4385	7740
	Input	W	1140	2085
	Rated current(RLA)	A	7.50	9.45
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		NA	NA
	Capacitor	uF	/	/
Refrigerant oil/oil charge	ml	VG74 440	VG74 670	
Indoor fan motor	Model	ZKFP-30-8-3	ZKFP-58-8-1-5	
	Input	W	36.0	58.0
	Output	W	30	58
	Capacitor	uF	/	/
	Speed(Hi/Mi/Lo)	r/min	1150/1000/850	1150/1000/850
Indoor coil	Number of rows		2	2
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37
	Fin spacing	mm	1.2	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	750x210x26.74+ 750x126x26.74	820x210x26.74+ 820x126x26.74
	Number of circuits		4	4
Indoor air flow (Hi/Mi/Lo)		m3/h	800/600/500	1090/770/610
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	41/37/31	46/37/34.5
Indoor sound power level		dB(A)	56	62
Indoor unit	Dimension(WxDxH)	mm	969x241x320	1083x244x336
	Packing (WxDxH)	mm	1045x315x405	1155x415x315
	Net/Gross weight	kg	11.2/14.6	13.6/17.3
Outdoor fan motor	Model		ZKFN-34-10-1-3	ZKFN-80-8-3
	Input	W	99.6	88
	Output	W	34.0	80.0
	Capacitor	uF	/	/
	Speed	r/min	760/650	830/700/550
Outdoor coil	Number of rows		2.0	1.6
	Tube pitch(a)x row pitch(b)	mm	21x22	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	860x504x44	900x609x22+540x609x22
	Number of circuits		4	5
Outdoor air flow		m3/h	2100	3500

Outdoor sound pressure level		dB(A)	57	60
Outdoor sound power level		dB(A)	65	67
Outdoor unit	Dimension(WxDxH)	mm	805x330x554	890x342x673
	Packing (WxDxH)	mm	915x370x615	995x398x740
	Net/Gross weight	kg	33.5/36.1	43.9/46.9
Refrigerant	Type		R32	R32
	GWP		675	675
	Charged quantity	kg	1.1	1.45
Design pressure		MPa	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	30	50
	Max. difference in level	m	20	25
Connection wiring			1.5x5Core	2.5x5Core
Plug type			no-plug	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/-20-24	-15-50/-20-24
Qty'per 20' /40' /40'HQ			86/174/204	64/134/156

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.

4) TDB Summer Outdoor: 35°C; TWB Summer Outdoor: 21,4°C; TDB Winter Outdoor: -0.8°C; RH Winter Outdoor: 90%.