

Indoor model			MSAGAU-09HRFNX-QRD0GW	MSAGBU-09HRFN8-QRD1GW(GA)	MSAGBU-12HRFNX-QRD0GW
Power supply (Indoor)		V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50
Cooling	Capacity	Btu/h	9000	9000	12000
	Input	W	21	23	23
	Current	A	0.09	0.10	0.10
Heating	Capacity	Btu/h	10000	10000	13000
	Input	W	21	23	23
	current	A	0.09	0.10	0.10
Indoor fan motor	Model		ZKFP-20-8-6-7	ZKFP-13-8-4	ZKFP-13-8-4
	Input	W	50	18.2	18.2
	Capacitor	uF	/	/	/
	Speed(Hi/Mi/Lo)	r/min	1050/700	1050/450	1050/700
Indoor coil	a.Number of rows		2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	525x84x13.37+525x105x26.74+525x105x26.74	605x210x26.74+605x105x26.74	605x210x26.74+605x105x26.74
	g.Number of circuits		2	2	2
Indoor air flow (Hi/Mi/Lo)		m3/h	460/330/260	510/360/300	530/400/350
Indoor sound pressure level (Hi)		dB(A)	37.0/32.0/22.0	37.0/22	37.0/32.0/22.0
Indoor sound power level (Hi)		dB(A)	54	55	55
Indoor unit	Dimension(W*D*H)	mm	726x210x291	835x295x208	835x208x295
	Packing (W*D*H)	mm	790x270x375	905x355x290	905x355x290
	Net/Gross weight	Kg	8.0/10.5	8.7/11.5	8.7/11.5
Design pressure		MPa	4.3/1.7	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")	Φ6.35/Φ9.52(1/4"/3/8")
Controller		Wired Control	Remote Control	Remote Control	Remote Control
Operation temperature		°C	16~30	16~30	16~30
Room temperature	Cooling	°C	16~32	16~32	16~32
	Heating	°C	0~30	0~30	0~30

Notes:

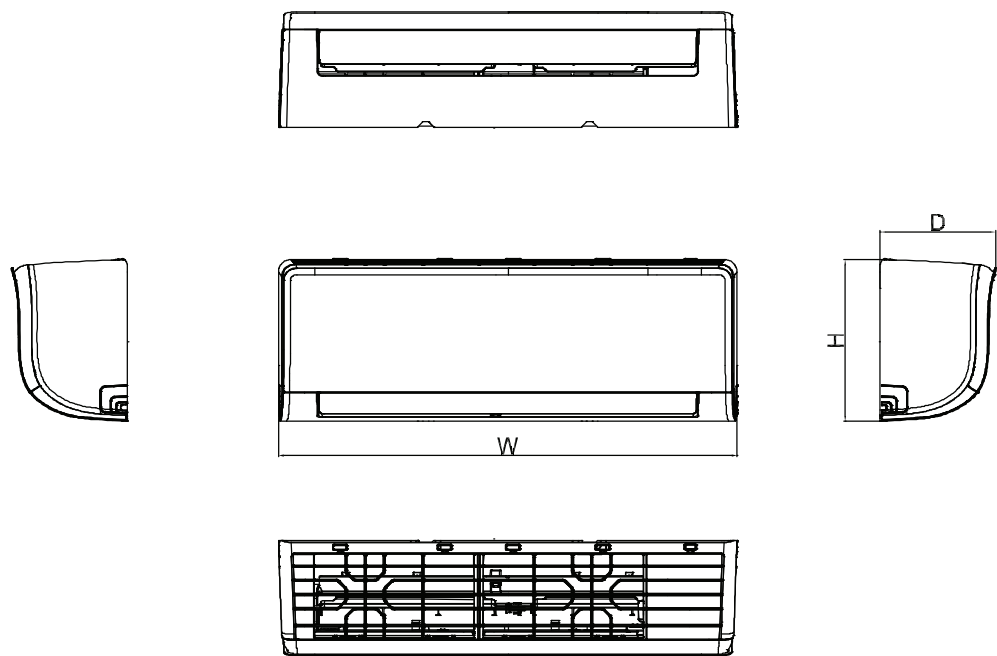
1) Capacities are based on the following conditions:

Cooling(T1): - Indoor Temperature 27°C(80.6°F) DB /19 °C(66.2°F) WB Heating: - Indoor Temperature 20°C(68°F) DB / 15°C(59°F) WB
 -Outdoor Temperature 35 °C(95°F) DB /24 °C(75.2°F) WB -Outdoor Temperature 7°C(44.6°F) DB / 6°C(42.8°F) WB
 -Interconnecting Piping Length 5m - Interconnecting Piping Length 5 m
 - Level Difference of Zero. - Level Difference of Zero.

2) Capacities are Net Capacities.

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

XTREME



Specifications

Model	W(mm)	D(mm)	H(mm)
MSAGAU-09HRFNX-QRD0GW	726	210	291
MSAGBU-12HRFNX-QRD0GW	835	208	295
MSAGBU-09HRFN8-QRD1GW(GA)			
MSAGBU-12HRFN8-QRD1GW(GA)			
MSAGCU-18HRFNX-QRD0GW	969	241	320
MSAGDU-24HRFN8-QRD0GW	1083	244	336