

Model		MSFAAU-12HRFN8-QRD6GW	
Indoor		MSFAAU-12HRFN8-QRD6GW	
Outdoor		MOB01-12HFN8-QRD6GW(A)	
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz
Rated Cooling	Capacity	Btu/h	12000(4500~14900)
Cooling Power input		W	857(130~1700)
Cooling Current		A	3.72(0.6~7.4)
Rated Heating	Capacity	Btu/h	13000(3000~15500)
Heating Power input		W	952(120~1550)
Heating Current		A	4.2(0.5~6.7)
Seasonal Cooling	Pdesignc	kW	3,50
	SEER	W/W	8,50
	Energy Efficiency Class		A+++
Heating(Average )	Pdesignh	kW	2,40
	SCOP	W/W	4,60
	Energy Efficiency Class		A++
	Tbiv	°C	-7
Heating(Warmer )	Pdesignh	kW	2,50
	SCOP	W/W	5,60
	Energy Efficiency Class		A+++
	Tbiv	°C	2
Heating(Colder)	Pdesignh	kW	N.A.
	SCOP	W/W	N.A.
	Energy Efficiency Class		N.A.
	Tbiv	°C	N.A.
Tol		°C	-15
Moisture Removal		L/h	1,20
Max. input consumption		W	2300
Max. current		A	10,5
Starting current		A	/
Compressor	Model		KSN98D22UFZ
	Type		ROTARY
	Brand		GMCC
	Capacity	W	3095
	Input	W	790
	Rated current(RLA)	A	5,3
	Locked rotor Amp(LRA)	A	/
	Thermal protector		/
	Thermal protector position		NA
	Capacitor	µF	NA
	Refrigerant oil/oil charge	ml	RB74A F/370
Indoor fan motor	Model		ZKFP-20-8-6-7
	Old Model		WZDK20-38G
	Input	W	50
	Capacitor	uF	N.A.
	Speed(Hi/Mi/Lo)	r/min	1200/1000/650
Indoor coil	a.Number of rows		2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37
	c.Fin spacing	mm	1,3
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube
	f.Coil length x height x width	mm	653x210x26.74+653x105x26.74
	g.Number of circuits		2
Indoor air flow (Hi/Mi/Lo)		m3/h	640/520/400
Indoor sound pressure level (Hi/Mi/Lo/Si)		dB(A)	38.5/35.5/21.0/20.5
Indoor sound power level (Hi)		dB(A)	57

Indoor unit	Dimension(W*D*H)	mm	940x193x325
	Packing (W*D*H)	mm	1055x385x290
	Net/Gross weight	Kg	10.7/13.8
Outdoor fan motor	Model		ZKFN-34-8-1
	Input	W	N.A.
	Capacitor	uF	N.A.
	Speed	r/min	900/450
Outdoor coil	a.Number of rows		1
	b.Tube pitch(a)x row pitch(b)	mm	21x22
	c.Fin spacing	mm	1,2
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube
	f.Coil length x height x width	mm	870x504x22
	g.Number of circuits		2
Outdoor air flow		m3/h	2000
Outdoor sound pressure level		dB(A)	55,5
Outdoor sound power level		dB(A)	63
Outdoor unit	Dimension(W*D*H)	mm	800x333x554
	Packing (W*D*H)	mm	920x390x615
	Net/Gross weight	Kg	29.3/32.1
Refrigerant	Type		R32
	GWP		675
	Charged quantity	Kg	0,69
Design pressure		MPa	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)
	Max. refrigerant pipe length	m	25
	Max. difference in level	m	10
Connection wiring			1.5x5/no-plug
Plug type			/
Thermostat type			Remote Control
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~30
	Outdoor(cooling/heating)	°C	-15~50/-25~30
Application area (Cooling Standard)		m2	16-23
Qty'per 40'HQ			206 sets