

Code		81AC0180	
Indoor code		22022211003407	
outdoor code		22022516002302	
Model		MFM-55HRFN8-RRD0W(GA)	
Indoor		MFM-55HRFN8-QRD0W	
Outdoor		MOX630U-55HFN8-RRD0W(GA)	
Power supply	V-Ph-Hz	380_415V, 3Ph,50HZ	
Rated Cooling Capacity	Btu/h	52000(14000~55000)	
Cooling Power input	W	6000(1000~7200)	
Cooling Current	A	9.1(2.1~11.7)	
EER	W/W	2.54	
Rated Heating Capacity	Btu/h	62000(15000~64000)	
Heating Power input	W	5600(1020~7200)	
Heating Current	A	8.5(2.1~11.7)	
COP	W/W	3.24	
Seasonal Cooling	Pdesignc	kW	15.5
	SEER	W/W	5.8
	Energy Efficiency Class		A+
	Seasonal space cooling energy efficiency ($\eta_{s,c}$)	%	229
Heating(Average)	Pdesignh	kW	12.0
	SCOP	W/W	4.0
	Energy Efficiency Class		A+
	Seasonal space heating energy efficiency ($\eta_{s,h}$)	%	157
	Tbiv	°C	-7
Heating(Warmer)	Pdesignh	kW	11.7
	SCOP	W/W	5.0
	Energy Efficiency Class		A++
	Tbiv	°C	2
Tol		°C	-15
Max. input consumption		W	7500
Max. current		A	14.0
Starting current		A	/
Compressor	Model		KTQ420D1UMU
	Type		ROTARY
	Brand		GMCC
	Capacity	W	13700
	Input	W	3700
	Rated current(RLA)	A	7.02
	Locked rotor Amp(LRA)	A	/
	Thermal protector		INT01L-4639
	Thermal protector position		EXTERNAL
	Capacitor	μF	/
	Refrigerant oil/oil charge	ml	VG74/1400
Indoor fan motor	Model		ZKFN-200-8-1-2
	Input	W	210
	Capacitor	uF	/
	Speed(Hi/Mi/Lo)	r/min	580/500/400
a.Number of rows			3

Indoor coil	b.Tube pitch(a)x row pitch(b)	mm	25.4x22
	c.Fin spacing	mm	1.5
	d.Fin type (code)		Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ9.52,Inner groove tube
	f.Coil length x height x width	mm	484.4x813x66
	g.Number of circuits		6
	Indoor air flow (Hi/Mi/Lo)	m3/h	1950/1750/1600
Indoor noise level (Hi/Mi/Lo)	dB(A)	53/50.5/45.5/40	
Indoor sound power level (Hi)	dB(A)	64	
Indoor unit	Dimension(W*D*H)	mm	600x455x1934
	Packing (W*D*H)	mm	2080x755x585
	Net/Gross weight	Kg	61.4/80.0
Outdoor fan motor	Model		ZKFN-250-10-1
	Input	W	250
	Capacitor	uF	/
	Speed	r/min	850/400
Outdoor coil	a.Number of rows		3
	b.Tube pitch(a)x row pitch(b)	mm	21x22
	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	990*924*66
	g.Number of circuits		14
Outdoor air flow	m3/h	5600	
Outdoor sound pressure level	dB(A)	65	
Outdoor sound power level	dB(A)	73	
Outdoor unit	Dimension(W*D*H)	mm	980x375x975
	Packing (W*D*H)	mm	1145x500x1080
	Net/Gross weight	Kg	92/107
Refrigerant	Type		R32
	GWP		675
	Charged quantity	Kg	3.2
Design pressure	MPa	4.3/1.7	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	75
	Max. difference in level	m	30
Connection wiring		1.5x4//	
Plug type		//no-plug	
Thermostat type		Remote Control	
Room temperature	Indoor(cooling/ heating)	℃	17~32/0~30
	Outdoor(cooling/heating)	℃	-15~50/-20~24
Application area (Cooling Standard)	m2	88 ~ 102	
Qty'per 20' /40' /40'HQ		18/40/40	