

Model		MFGA-55ARFN1-RRD0(B)	
Indoor		MFGA-55ARFN1-RRD0(B)- [N]	
Outdoor		MOE30U-55HFN1-RRD0	
code		22022210002631	
Indoor code		22022211002589	
outdoor code		22022516000682	
Power supply		Ph-V-Hz	380-415V- 50Hz, 3Ph
Rated Cooling	Capacity	Btu/h	55000(16500~63250)
Rated Cooling	Capacity	kW	16.12(4.84~18.54)
Cooling Power input		W	5970(1493~7726)
Cooling Current		A	10.2(2.6~13.2)
EER		W/W	2.7
Rated Heating	Capacity	Btu/h	58000(17400~69600)+12000
Rated Heating	Capacity	kW	17.0(5.1~20.4)+3.52
Heating Power input		W	4709(1177~6094)
Heating Current		A	8.1(2~10.5)
COP		W/W	3.61
Seasonal Cooling	Pdesignc	kW	15.5
	SEER	W/W	6.1
	Energy Efficiency Class		—
	Seasonal space cooling energy efficiency ($\eta_{s,c}$)	%	237
Heating(Average)	Pdesignh	kW	12.2
	SCOP	W/W	4.0
	Energy Efficiency Class		—
	Seasonal space heating energy efficiency ($\eta_{s,h}$)	%	157
	Tbiv	°C	-10
Heating(Warmer)	Pdesignh	kW	12.6
	SCOP	W/W	5.1
	Energy Efficiency Class		—
	Tbiv	°C	2
Tol		°C	-15
Moisture Removal		L/h	5.5
Max. input consumption		W	7500+3500
Max. current		A	14.0+9.3
Starting current		A	—
Compressor	Model		ATQ420D1UMU
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	44697
	Input	W	3420

	Rated current(RLA)	A	6.85
	Thermal protector position		INTERNAL
	Refrigerant oil/oil charge	ml	Ester Oil VG74/1400
Indoor fan motor	Model		ZKFN-200-8-1
	Output	W	200
	Capacitor	uF	--
	Speed(Hi/Mi/Lo)	r/min	580/500/400
Indoor coil	a.Number of rows		3
	b.Tube pitch(a)x row pitch(b)	mm	25.4x22
	c.Fin spacing	mm	1.5
	d.Fin type (code)		Hydrophilic aluminium(Golden)
	e.Tube outside dia.and type	mm	Φ9.52,innergroove tube
	f.Coil length x height x width	mm	484x812x66
	g.Number of circuits		6
Indoor air flow (Hi/Mi/Lo)		m3/h	2285/1927/1479
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	58/54/49
Indoor sound power level (Hi)		dB(A)	67
Indoor unit	Dimension(W*D*H)	mm	610x390x1925
	Packing (W*D*H)	mm	2050x745x545
	Net/Gross weight	Kg	60.8/ 69.8
Outdoor fan motor	Model		ZKFN-85-8-22
	Qty		2
	Output	W	85
	Capacitor	uF	---
	Speed	r/min	850
Outdoor coil	a.Number of rows		2
	b.Tube pitch(a)x row pitch(b)	mm	25.4x22
	c.Fin spacing	mm	1.4
	d.Fin type (code)		Hydrophilic aluminium(Golden)
	e.Tube outside dia.and type	mm	Φ9.52,innergroove tube
	f.Coil length x height x width	mm	990x1270x44
	g.Number of circuits		8
Outdoor air flow		m3/h	7200
Outdoor sound pressure level		dB(A)	62.5
Outdoor sound power level		dB(A)	74
Outdoor unit	Dimension(W*D*H)	mm	952x410x1333
	Packing (W*D*H)	mm	1095x500x1470
	Net/Gross weight	Kg	112.8/126
Refrigerant	Type		R410A

	GWP		2088
	Charged quantity	Kg	4.3
Design pressure		MPa	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	65
	Max. difference in level	m	30
Connection wiring			- -
Plug type			5*2.5/no-plug
Thermostat type			Remote Control
Operation temperature	Indoor(cooling/ heating)	℃	17~32/0~30
	Outdoor(cooling/heating)	℃	-15~50/-15~24
Application area	minimum	m ²	73
	maximum	m ²	107
Qty'per 20' /40' /40'HQ		.	16/34/38