

code			22022010016498	22022010016497
Indoor code			22022011012198	22022011016302
outdoor code			22022016015240	22022016015140
Model			MSABAU-09HRFN8-QRD0GW	
Indoor			MSABAU-09HRFNDX-QRD0GW	MSABBU-12HRFN8-QRD6GW
Outdoor			MOX133-09HFN8-QRD0GW	MOX133-12HFN8-QRD0GW
Power supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph	220-240V,1Ph,50Hz
Rated Cooling	Capacity	Btu/h	9000	12000
Cooling Power input		W	740	1140
Cooling Current		A	4.95	5.1
Rated Heating	Capacity	Btu/h	10000	13000
Heating Power input		W	780	1080
Heating Current		A	3.5	3.66
Seasonal Cooling	Pdesignc	kW	2.7	3.5
	SEER	W/W	6.9	7.0
	Energy Efficiency Class		A++	A++
Heating(Average)	Pdesignh	kW	2.7	2.9
	SCOP	W/W	4.0	4.1
	Energy Efficiency Class		A+	A+
	Tbiv	°C	-7	-7
Tol		°C	-15	-15
Moisture Removal		L/h	/	/
Max. input consumption		W	2150	2150
Max. current		A	10	10
Starting current		A	/	/
Compressor	Model		KSK103D33UEZ3(YJ)	KSK103D33UEZ3(YJ)
	Type		Rotary	Rotary
	Brand		GMCC	GMCC
	Capacity	Btu/h	2035/3255	2035/3255
	Input	W	325/826	325/826
	Rated current(RLA)	A	2.4/5.65	2.4/5.65
	Locked rotor Amp(LRA)	A	/	/
	Thermal protector		/	/
	Thermal protector position		/	/
	Capacitor	uF	/	/
Refrigerant oil/oil charge	ml	ESTER OIL VG74/310	ESTER OIL VG74/310	
Indoor fan motor	Model		ZKFP-20-8-6-7	ZKFP-20-8-6-7
	Input	W	50.0	50.0
	Capacitor	uF	/	0
	Speed(Hi/Mi/Lo)	r/min	1150/850/700	1100/900/750
Indoor coil	a.Number of rows		2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	525x84x13.37+525x105x26.74	605x210x26.74+605x84x26.74
	g.Number of circuits		2	2
Indoor air flow (Hi/Mi/Lo)		m3/h	416/309/230	584/477/395
Indoor sound pressure level (Hi/Mi/Lo/Si)		dB(A)	39/32/26	39/32/26
Indoor sound power level (Hi)		dB(A)	56	55

Indoor unit	Dimension(W*D*H)	mm	722x187x290	802x189x297
	Packing (W*D*H)	mm	790x270x375	875x285x380
	Net/Gross weight	Kg	7.3/9.7	8.6/11.1
Outdoor fan motor	Model		ZKFN-34-10-1	ZKFN-34-10-1
	Input	W	/	/
	Capacitor	uF	0	0
	Speed	r/min	760/450	790/450
Outdoor coil	a.Number of rows		1	1
	b.Tube pitch(a)x row pitch(b)	mm	21x22	21x22
	c.Fin spacing	mm	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	740x462x22	740x462x22
	g.Number of circuits		2	2
Outdoor air flow	m3/h		1750	1800
Outdoor sound pressure level	dB(A)		56.0	56.0
Outdoor sound power level	dB(A)		64	65
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495
	Packing (W*D*H)	mm	835x300x540	835x300x540
	Net/Gross weight	Kg	23.2/25.0	23.2/25.0
Refrigerant	Type		R32	R32
	GWP		675	675
	Charged quantity	Kg	0.55	0.55
Design pressure	MPa			
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	6.35mm(1/4in)/9.52mm(3/8in)
	Max. refrigerant pipe length	m	25	25
	Max. difference in level	m	10	10
Connection wiring			1.5x5(Optional)	1.5x5(Optional)
Plug type			//no-plug	//no-plug
Thermostat type			Remote Control	Remote Control
Operation temperature	Indoor(cooling/ heating)	℃	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	℃	-15~50/-15~24	-15~50/-15~24
Application area	minimum	m2	12	16
	maximum	m2	18	23
			138/282/312	130/276/302