

<b>Code</b>		22022010018538	
<b>Indoor code</b>		22022011019161	
<b>outdoor code</b>		22022016017720	
<b>Model</b>		GAIA	
<b>Indoor</b>		<b>GAIA-12HRFN8-I</b>	
<b>Outdoor</b>		<b>GAIA-12HRFN8-O</b>	
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz
Cooling (Standard conditions)	Capacity	Btu/h	12000(4500~14900)
	Input	W	980 (130~1700)
	Current	A	4.26 (0.6~7.4)
Heating (Standard conditions)	Capacity	Btu/h	13000(3000~15500)
	Input	W	950 (120~1550)
	Current	A	4.15 (0.5~6.7)
Seasonal Cooling	Pdesignc	kW	3.5
	SEER	W/W	8.5
	Energy Efficiency Class		A+++
Heating(Average )	Pdesignh	kW	2.5
	SCOP	W/W	4.6
	Energy Efficiency Class		A++
Heating(Warmer )	Tbiv	°C	-7
	Pdesignh	kW	3.1
	SCOP	W/W	5.3
	Energy Efficiency Class		A+++
	Tbiv	°C	2
	Tol	°C	-15
Moisture Removal		L/h	/
Rated Power Input		W	2200
Rated Current		A	10.5
Starting current		A	0
Compressor	Model		KSN98D64UFZ3
	Type		ROTARY
	Brand		GMCC
	Capacity	W	1930/3100 ±3%
	Input	W	292/765 ±3%
	Rated current(RLA)	A	2.15/4.65 ±3%
	Locked rotor Amp(LRA)	A	/
	Thermal protector		/
	Thermal protector position		NA
	Capacitor	µF	/
Refrigerant oil/oil charge	ml		ESTER OIL VG74 300±10
Indoor fan motor	Model		ZKFP-13-8-4-17
	Old Model		/
	Input	W	/
	Capacitor	uF	/
	Speed(Hi/Mi/Lo)	r/min	
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		580/444/312
Indoor noise level (Hi/Mi/Lo)	dB(A)		38/33/21.5
Indoor sound power level	dB(A)		52
Indoor unit	Dimension(W*D*H)	mm	1000x212x335
	Packing (W*D*H)	mm	1095x415x315
	Net/Gross weight	kg	13.4/18.2
Outdoor fan motor	Model		ZKFN-34-10-1-3
	Input	W	/
	Capacitor	uF	/
	Speed	r/min	
Outdoor coil	a.Number of rows		1
	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	745*504*22
	g.Number of circuits		2
Outdoor air flow	m3/h		2200
Outdoor sound pressure level	dB(A)		53
Outdoor sound power level	dB(A)		59
Outdoor unit	Dimension(W*D*H)	mm	765x303x555
	Packing (W*D*H)	mm	887x337x610
	Net/Gross weight	kg	26.4/28.8
Refrigerant	Type		R32
	GWP		675
	Charged quantity	kg	0.7
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//
Plug type			//no-plug
Thermostat type			Remote Control
Room temperature	Indoor(cooling/ heating)	°C	16 ~ 32/0 ~ 30
	Outdoor(cooling/heating)	°C	-15 ~ 50/-15 ~ 24
Application area (Cooling Standard)	m2		16 ~ 23
Qty/per 20' /40' /40'HQ			82/175/196