

**Technical specifications****R410A Inverter Floor Ceiling type AC Outdoor Unit**

Model		GUD140W/A-X		GUD160W/A-X		
Code		CF090W1500-ZD		CF090W1520-ZD		
Indoor Unit		Type		Floor Ceiling		
		Model		GUD140ZD/A-S		
		Code		ED020N2140		
Total Capacity		Cooling	kW	14.00	15.40	
			Btu/h	47800	52500	
		Heating	kW	15.00	17.00	
			Btu/h	51200	58000	
EER / C.O.P			W/W	2.69/3.41	2.96/3.54	
Power supply		V-Hz-Ph	380/415-50-3		380/415-50-3	
Power input <sup>1</sup>		Cooling	kW	5.20	5.20	
		Heating	kW	4.40	4.80	
Rated Power input <sup>2</sup>		Cooling	kW	5.80	6.20	
		Heating	kW	5.60	5.80	
Input current <sup>1</sup>		Cooling	A	8.60	9.00	
		Heating	A	7.60	8.40	
Rated current <sup>2</sup>		Cooling	A	11.0	13.0	
		Heating	A	10.0	11.0	
Min/Max Voltage			V	342/456	342/456	
Power cord spec			mm <sup>2</sup> xpcs	1.50×5	1.50×5	
Sound Pressure Level (H/M/L)*			dB (A)	59	60	
Sound Power Level (H/M/L)*			dB (A)	69	70	
Refrigerant		Type		—	R410A	
		Charge		kg	3.7	
		Throttling Method		—	Electronic expansion valve	Electronic expansion valve
Compressor		Trademark		—	GREE	
		Model		—	QXFS-F428zX450I	
		Type		—	Inverter Rotary	Inverter Rotary
		Quantity		—	1	1
		Capacity		W	16550	16550
		Power Input		W	4060	4060
		Rated Load Amp (RLA)		A	8.2	8.2
		Refrigerant oil		Type		—
Charge Volume				L	1.35	
Air Flow Volume			CFM	3472	3472	
			m <sup>3</sup> /h	5900	5900	
Fan Motor		Model		—	B-SWZ150A	
		Drive Type		—	Direct	Direct
		Speed (H/M/L)*		rpm	820	820
		Insulation class		—	E/B	E/B
		Safe class		—	IP44	IP44
Fan		Type		—	Axial-flow	
		Quantity		—	1	1

Condenser	Material		—	Inner Groove Copper Tube- Aluminum fin	Inner Groove Copper Tube- Aluminum fin
	Face Area		sq.ft	2.5	2.5
			m <sup>2</sup>	4.6	4.6
	Pipe Diameter		mm	φ7.94	φ7.94
	Number of rows		mm	2	3
	Tube pitch(a)x row pitch(b)		mm	22×19.05	22×19.05
	Fins per Inch(FPI)		—	18	16
	Fin type		—	Ripple	Ripple
	Number of circuits		—	5	10
Length(L) x Height(H) x Width(W)		mm	1154×792×38.1	1154×792×57.15	
Permissible Excessive Operating Pressure for the Discharge Side			Mpa	4.6	4.6
Permissible Excessive Operating Pressure for the Suction Side			Mpa	2.5	2.5
Operation temp		Cooling	°C	-15~50	-15~50
		Heating	°C	-15~24	-15~24
Defrosting Method			—	Auto defrost	Auto defrost
Isolation			—	I	I
Moisture Protection			—	IPX4	IPX4
Overload Protector			—	High Presser Protector Low presser protector	High Presser Protector Low presser protector
Dimension	Outline dimension (W×D×H)		mm	940×460×820	940×460×820
	Package dimension (L×W×H)		mm	1083×573×973	1083×573×973
Weight	Net Weight		kg	96.0	100.0
	Gross Weight		kg	108.0	112.0
Loading quantity	Outdoor Unit		20'GP	40	40
			40'GP	84	84
			40'HQ	84	84
	Outdoor Unit and Indoor Unit		20'GP	27	27
			40'GP	54	54
			40'HQ	62	62
Connection Pipe	Valve Connection Type		—	Screw thread joint	Screw thread joint
	Length		m	7.5	7.5
	Gas additional charge		g/m	50	50
	Outer Diameter	Liquid Pipe	Inch	0.375	0.375
		Gas Pipe	Inch	0.625	0.625
	Max Distance	Height	m	30	30
		Length	m	75	75