



COOL WITH MAXIMUM EFFICIENCY

UP TO 22 SEER2

HEAT
PUMP



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TGM
AIR CONDITIONERS



Features



Arctic Inverter Heat Pump Mini Split System

SPECIFICATIONS / ESPECIFICACIONES

Model			GWHART09SA2 / GRHART09ASA2	GWHART12SA2 / GRHART12ASA2	GWHART09S2 / GRHART09AS2	GWHART12S2 / GRHART12AS2	GWHART18S2 / GRHART18AS2	GWHART24S2 / GRHART24AS2	GWHART36S2 / GRHART36AS2
Power supply		V-Ph-Hz	115 - 60 - 1	115 - 60 - 1	220 - 60 - 1	220 - 60 - 1	220 - 60 - 1	220 - 60 - 1	208/230 - 60 - 1
Cooling	Capacity	Btu/h	9100	1200	9100	1200	1800	2200	33600
	Input (Min/Max)	W	140/1050	140/1450	120/1350	140/1450	280/2150	450/2650	670/4000
	Rated Current	A	11.7	15.8	6.5	6.8	10.5	12	20.00
	SEER/SEER2	Btu/w	20/20	20/20	20.5/20.5	20/20	19.5/20	21/22	20/20
Heating	Capacity	Btu/h	10000	12000	10500.4	1200	1800	2400	34600
	Input (Min/Max)	W	150/1450	140/1450	160/1450	140/1450	2400	330/2570	600/3950
	Rated current	A	15.8	15.8	7	7	10.5	12	18
	HSPF/HSPF2	Btu/w	9.8/8.6	10/8.5	10/8.8	10/8.5	8.3/8.5	8.5/9	9.00/8.5
Minimum Circuit Ampacity		A	20	21	9	9	12	17	
Max. current		A	25	25	15	15	15	25	
Compressor	Model		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Type		FTz-AN108ACBD	FTz-AN108ACBD	QXF-A082zC170	FTz-AN108ACBD	QXF-M130zF170	QXFS-M180zX170	QXFS-D280zX070
Indoor air flow (SS/H/MH/M/ML/L/SL)		m ³ /h	580/530/450/300	680/560/450/420/390	630/540/430/330	680/620/560/490/450/420/390	900/870/820/760/690/630/570	1350/1100/950/0/850	1550/1250/1200/1100/1000/900/800
Indoor sound power (SS/H/MH/M/ML/L/SL)		dB(A)	49/47/41/34	54/49/47/45/42/40/37	52/49/44/37	54/49/47/45/42/40/37	58/55/53/50/47/44/41	62/55/50/47/	66/60/57/55/52/50/47
Indoor Unit	Dimension(W*D*H)	inch	33×11×8	33×11×8	33×11×8	33×11×8	38×12×9	42×13×10	53×13×10
	Packing (W*D*H)	inch	36×11×15	36×11×15	36×11×15	36×11×15	40×15×12	44×16×13	57×16×14
	Gross weight	kg.	26.4	26.4	26.4	26.4	34.1	41.8	540.1
Outdoor air flow		m ³ /h	1950	1950	1950	1950	3000	3519	4500
Outdoor sound power (Hi/Mi/Lo)		dB(A)	62	62	61	62	69	69	72
Outdoor Unit	Dimension(W*D*H)	inch	29×22×13	29×22×13	29×22×13	29×22×13	34×22×15	38×26×16	39×29×17
	Packing (W*D*H)	inch	31×15×24	31×15×24	31×15×24	31×15×24	37×17×24	41×18×29	42×19×32
	Gross weight	lbs	69.4	70.5	66.1	67.2	89.2	105.8	138.8
Refrigerant type			R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		lbs	1.9	2.1	1.87	2.1	2.8	3.5	5.2
Refrigerant piping	Length	m	7.5	7.5	7.5	7.5	7.5	7.5	7.5
	Additional Gas Charge	g/m	20	20	20	20	20	50	50
	Liquid side/ Gas side	inch	φ0.2 / φ0.3	φ0.2 / φ0.3	φ0.2 / φ0.3	φ0.2 / φ0.3	φ0.2 / φ0.4	φ0.2 / φ0.6	φ0.2 / φ0.6
	Max. distance	m	12/20	10/20	12/20	10/20	10/25	10/25	25/10
Room Temperature	Indoor (cooling/heating)	°F	61~86	61~86	61~86	61~86	61~86	61~86	61~86
	Outdoor (cooling/heating)	°F	0~115/ -4~75	0~115/ -4~75	0~115/ -4~75	0~115/ -4~75	0~115/ -13~75	-4~122/ -13~75	-4~115/ -13~75
Application area (cooling standard)		m ²	12-18	16-24	12-18	16-24	23-34	27-42	46-70



Wi-Fi compatible



Copper & Aluminum Pipe Kits



Golden Coating Technology