



COOL WITH MAXIMUM EFFICIENCY

UP TO 22 SEER2

HEAT PUMP



Classic
AIR CONDITIONERS



Features



Arctic Inverter Heat Pump Mini Split System

SPECIFICATIONS / ESPECIFICACIONES

Model			GWHARC09SA2 / GRHARC09ASA2	GWHARC12SA2 / GRHARC12ASA2	GWHARC09S2 / GRHARC09AS2	GWHARC12S2 / GRHARC12AS2	GWHARC18S2 / GRHARC18AS2	GWHARC24S2 / GRHARC24AS2	GWHARC36S2 / GRHARC36AS2
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	lbs	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 /φ 0.3	φ0.2 /φ 0.3	φ0.2 /φ 0.3	φ0.2 /φ 0.3	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