



PULAR

Ductless Single Zone Heat Pump



Eligible for
local rebates*



FEATURES

- Cooling, heating, dehumidifying, fan and auto.
- 9000, 12000, 18000, 24000 BTU/hr.
- 230/208V, 60 Hz, 1-phase.
- High wall installation, dual side connection.
- Plastic housing, standard white.
- 7-speed cross-flow fan (auto, turbo, high, medium-high, medium, low and very low).
- Washable filters.
- Variable speed rotary compressor (INVERTER), with overload protection.
- Electronic expansion valve for precise control of refrigerant flow.
- Condenser fins covered with a hydrophilic coating for improved corrosion resistance.
- Large diameter quiet axial-flow fan for more efficient heat exchange.
- Smart pan heater to prevent ice formation.
- Minimum piping length of 10 ft. (3 m).
- Flared connections.
- Wireless remote included.
- Wired wall controller available.
- Wi-Fi in option.
- Set temperature: 16 to 30 °C (61 to 86 °F).
- Temperature display format: °C or °F.

*Please check your local and federal rebate programs.

**10-year standard warranty, plus bonus 2-year extended warranty upon product registration and/or proof of installation.



- Ultra Heat Technology
- Two-Stage Variable Speed
- Compressor Quiet Operation
- Low Voltage Startup

- Multiple fan speed
- Adjustable LED display
- Precise Airflow Control
- Eco-Friendly R410a Refrigerant



INDOOR UNIT



OUTDOOR UNIT

Product # ¹	Indoor Unit (Muse head model)	GWH09AFCXD-D3DNA1A/I GWH09AGCXD-D3DNA1A/O	GWH12AFCXD-D3DNA1A/I GWH12AGCXD-D3DNA1A/O	GWH18AFDXF-D3DNA1A/I GWH18QDXF-D3DNB2A/O	GWH24AFEXH-D3DNA1A/I GWH24AGEXH-D3DNA1A/O
	Outdoor Unit				

Technical Performance

Voltage		Volts	230/208	230/208	230/208	230/208	
Cooling capacity		Nominal	W (BTU/hr)	2667 (9100)	3517 (12000)	5275 (18000)	6450 (22000)
		Min. – max.	W (BTU/hr)	450 - 3150(1535 - 10748)	900 - 4132(3070 - 14100)	1500 - 6200(5118 - 21154)	2600 - 8200(8870 - 28000)
Heating capacity		Nominal	W (BTU/hr)	3077 (10500)	3517 (12000)	5275 (18000)	7040 (24000)
		Min. – max.	W (BTU/hr)	1000 - 4300(3412 - 14671)	900 - 4543(3071 - 15500)	1500 - 6200(5118 - 21154)	2100 - 9000(7200 - 30708)
Used cooling power input		Nominal	W	619	961	1384	1679
		Min. – max.	W	130 - 1013	220 - 1400	130 - 2300	290 - 2600
Used heating power input		Nominal	W	848	923	1384	1870
		Min. – max.	W	228 -1343	220 - 1500	250 - 2350	470 - 3100
Used rated input		W	1343	1500	2350	3100	
Rated current		A	4.73	6.30	11.50	15.30	
MCA		A	10	10	14	16	
Max. over-current protection (MOCP)		A	15	15	20	25	
SEER2 (SEER)		-	25.5 (25.5)	24 (24)	23.5 (23)	24.5 (24)	
HSPF2 (HSPF)		-	10.2 (12)	9 (11)	9 (11)	9.5 (11)	
EER		W/W	4.31	3.66	3.81	3.85	
COP		W/W	3.90	3.81	3.81	3.79	
AHRI number		-	209248930	209248922	214075152	207690460	
ENERGY STAR		-	✓	✓	✓	✓	
Indoor Unit							
Dehumidification		pt/hr (l/hr)	1.69 (0.80)	2.96 (1.4)	3.80 (1.8)	5 (2.40)	
Air flow volume		cfm	353/323/294/264/235/176/158	400/364/329/288/264/247/229	589/500/441/412/383/353/324	736/588/530/471/441/412/383	
Sound level		dB (A)	50/47/45/42/39/36/35	53/48/46/44/42/40/37	59/53/51/50/47/43/39	62/54/52/49/48/46/44	
Fan motor power output		W	15	15	45	60	
Fan motor RLA		A	0.22	0.20	0.35	0.30	
Deflector stepper motor power output		W	1.5	1.5	1.5	1.5	
Net weight		lb (kg)	21 (9.5)	21 (9.5)	29 (13.5)	35 (16)	
Outdoor Unit							
Air flow volume		m³/hr	2200	2200	3600	4500	
Sound level		dB (A)	52	52	59	62	
Compressor power input		W	800	784	1196	1350	
Compressor LRA		A	-	-	-	-	
Compressor RLA		A	6.50	6.80	9.25	11	
Fan motor power output		W	30	30	60	90	
Fan motor RLA		A	0.4	0.4	0.9	0.6	
Refrigerant volume (R410A)		oz (g)	35.28 (1000)	42.33 (1200)	54.70 (1550)	60 (1700)	
Net weight		lb (kg)	70.5 (32)	70.5 (32)	98 (44.5)	108 (49)	
Operating ambient temperature	Cooling	°F (°C)	-20 to 122 (-29 to 50)				
	Heating	°F (°C)	-22 to 86 (-30 to 30)				
Connection Piping/Refrigerant							
Pre-charge length		ft. (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	
Additional refrigerant charge		oz/ft. (g/m)	0.2 (20)	0.2 (20)	0.5 (50)	0.5 (50)	
Liquid pipe outer diameter		in.	1/4	1/4	1/4	1/4	
Gas pipe outer diameter		in.	3/8	1/2	5/8	5/8	
Maximum height difference		ft. (m)	40 (12.19)	40 (12.19)	82 (25)	82 (25)	
Maximum total length		ft. (m)	66 (20)	66 (20)	131 (40)	131 (40)	

¹ 1 indoor unit and 1 outdoor unit. Note that each unit is individually packaged.

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