

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MGHAQ48FA3



Turn to the experts

Job Data:
Tag #:

Location:

Carrier #:
Date:



- STANDARD FEATURES**
- Multiple styles of indoor units
 - High Wall
 - 4-way Cassette
 - 1-way Cassette
 - Slim Ducted
 - Floor Console
 - Ceiling & Floor
 - Air Handler
 - 100% Heating Capacity at 5° F (-15° C)
 - Variable Speed (Inverter) Compressor
 - Basepan Heater factory installed
 - Quiet operation
 - Aluminum Hydrophilic pre-coated fins

- RESIDENTIAL APPLICATION LIMITED WARRANTY***
- Ten (10) years if properly registered within ninety (90) days after original installation, parts are warranted to the original purchaser for a period of ten (10) years. Otherwise, parts warranty is five (5) years.

NOTE: Images for illustration purposes only. Actual models may be slightly different.

Outdoor - Heat Pump			
Outdoor Model #			37MGHAQ48FA3
System	Outdoor Size		48000
	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
	MCA	A.	43
	MOPA	A.	45
Electrical	SCCR	kA	5
	Cooling Outdoor DB Min - Max		°F(°C) -22~122(-30~50)
	Heating Outdoor DB Min - Max		°F(°C) -22~75(-30~24)
	Total Piping Length		ft (m) 262.5(80)
Piping	Std Piping Length		24.6 (7.5)
	Piping Lift		ft (m) 49.21(15)
	Pipe Connection Size - Liquid		in (mm) 6x1/4in(5x6.35mm)
	Pipe Connection Size - Suction		in (mm) 4x3/8in+2x1/2in(4x9.52mm+2x12.7mm)
Refrigerant	Refrigerant Type		R454B
	Charge	lbs (kg)	9.48(4.3)
	Add'l Refrigerant (between Std & Max)		Oz/ft 0.16(15)
	Face Area	Sq. Ft.	6.65
Outdoor Coil	No. Rows		2.6
	Fins per inch		20
	Circuits		5
	Type	TWIN-ROTARY	
Compressor	Model		EKPQ440D1UMUB
	Oil Type		ESTER OIL
	Oil Charge	Fl. Oz.	43.96
	Rated Current	RLA	7
Airflow & Sound	Airflow	CFM	4502.648617
	Sound Pressure	dB(A)	65
Dimensions	Height	in (mm)	52.48(1333)
	Width	in (mm)	37.48(952)
	Depth	in (mm)	16.34(415)
	Net Weight	lbs (kg)	246.48(111.8)
	Shipping Height	in (mm)	58.27(1480)
	Shipping Width	in (mm)	43.11(1095)
	Shipping Depth	in (mm)	19.49(495)
	Shipping Net Weight	lbs (kg)	276.68(125.5)

* Condensing unit above or below indoor unit

Performance		
Ductless		
Cooling Rated Capacity (DOE A2 - 95°F)		47000
Cooling Capacity Range		12000~57000
SEER2	Btu/h	23
EER2 (DOE A2 - 95°F)	Btu/h	12
Heating Rated Capacity (DOE H12 - 47°F)		49000
Heating Capacity Range		13000~57000
COP (DOE H12 - 47°F)	Btu/h	3.7
HSPF2 IV	Btu/h	11.3
HSPF2 V	Btu/h	9.1
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	52000
EER2 (DOE B2 - 82°F)	Btu/h	15
Heating Rated Capacity (DOE H32 - 17°F)		44000
COP (DOE H32 - 17°F)	W/W	2.6
Heating Maximum Capacity (17°F)		51500
Heating Rated Capacity (ODE H42 - 5°F)		47000
COP (DOE H42 - 5°F)	W/W	2
Heating Maximum Capacity_5	Btu/h	47000
Cooling Capacity at 109 F (43°C)	Btu/h	43000
Heating Capacity at -4F (-20°C)	Btu/h	36000
Heating Capacity at -13F (-25°C)	Btu/h	30000
Heating Capacity at -22F (-30°C)	Btu/h	24600
Ducted		
Cooling Rated Capacity (DOE A2 - 95°F)		47000
Cooling Capacity Range		12000~57000
SEER2	Btu/h	20.5
EER2 (DOE A2 - 95°F)	Btu/h	11.7
Heating Rated Capacity (DOE H12 - 47°F)		48000
Heating Capacity Range		13000~60000
COP (DOE H12 - 47°F)	Btu/h	3.52
HSPF2 IV	Btu/h	11
HSPF2 V	Btu/h	9
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	49000
EER2 (DOE B2 - 82°F)	Btu/h	14
Heating Rated Capacity (DOE H32 - 17°F)		44500
COP (DOE H32 - 17°F)	W/W	2.6
Heating Maximum Capacity (17°F)		51000
Heating Rated Capacity (ODE H42 - 5°F)		48000
COP (DOE H42 - 5°F)	W/W	2
Heating Maximum Capacity_5	Btu/h	48000
Cooling Capacity at 109 F (43°C)	Btu/h	45000
Heating Capacity at -4F (-20°C)	Btu/h	37000
Heating Capacity at -13F (-25°C)	Btu/h	30000
Heating Capacity at -22F (-30°C)	Btu/h	25000
Mixed		
Cooling Rated Capacity (DOE A2 - 95°F)		47000
Cooling Capacity Range		12000~57000
SEER2	Btu/h	21.75
EER2 (DOE A2 - 95°F)	Btu/h	11.85
Heating Rated Capacity (DOE H12 - 47°F)		48500
Heating Capacity Range		13000~58500
COP (DOE H12 - 47°F)	Btu/h	3.61
HSPF2 IV	Btu/h	11.15
HSPF2 V	Btu/h	9.05
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	50500
EER2 (DOE B2 - 82°F)	Btu/h	14.5
Heating Rated Capacity (DOE H32 - 17°F)		44250
COP (DOE H32 - 17°F)	W/W	2.6
Heating Maximum Capacity (17°F)		51250
Heating Rated Capacity (ODE H42 - 5°F)		47500
COP (DOE H42 - 5°F)	W/W	2
Heating Maximum Capacity_5	Btu/h	47500
Cooling Capacity at 109 F (43°C)	Btu/h	44000
Heating Capacity at -4F (-20°C)	Btu/h	36500
Heating Capacity at -13F (-25°C)	Btu/h	30000
Heating Capacity at -22F (-30°C)	Btu/h	24800



Puron Advance™

Model	Two Zones		Three Zones			Four Zones				
37MGHAQ48FA3	6+24	12+24	6+6+18	6+18+18	9+18+18	6+6+6+6	6+9+9+12	9+9+9+9	12+12+12+12	
	6+30	12+30	6+6+24	6+18+24	9+18+24	6+6+6+9	6+9+9+18	9+9+9+12	12+12+12+18	
	6+36	12+36	6+6+30	6+18+30	9+18+30	6+6+6+12	6+9+9+24	9+9+9+18	12+12+12+24	
	9+18	18+18	6+6+36	6+18+36	9+18+36	6+6+6+18	6+9+12+12	9+9+9+24	12+12+18+18	
	9+24	18+24	6+9+9	9+9+9	12+12+12	6+6+6+24	6+9+12+18	9+9+12+12	12+12+18+24	
	9+30	18+30	6+9+12	9+9+12	12+12+18	6+6+9+9	6+9+12+24	9+9+12+18	12+18+18+18	
	9+36	18+36	6+9+18	9+9+18	12+12+24	6+6+9+12	6+9+18+18	9+9+12+24		
	12+12	24+24	6+9+24	9+9+24	12+12+30	6+6+9+18	6+9+18+24	9+9+18+18		
	12+18	24+30	6+9+30	9+9+30	12+12+36	6+6+9+24	6+12+12+12	9+9+18+24		
	24+36		6+9+36	9+9+36	12+18+18	6+6+12+12	6+12+12+18	9+12+12+12		
			6+12+12	9+12+12	12+18+24	6+6+12+18	6+12+12+24	9+12+12+18		
			6+12+18	9+12+18	12+18+30	6+6+12+24	6+12+18+18	9+12+12+24		
			6+12+24	9+12+24	12+18+36	6+6+18+18	6+12+18+24	9+12+18+18		
			6+12+30	9+12+30	18+18+18	6+6+18+24	6+18+18+18	9+12+18+24		
			6+12+36	9+12+36		6+9+9+9	6+18+18+24	9+18+18+18		
	Five Zones					Six Zones				
	6+6+6+6+6	6+6+9+9+12	6+9+9+9+9	6+12+12+12+12	9+9+12+12+18	6+6+6+6+6+6	6+6+6+9+9+24	6+6+9+12+12+18	6+9+12+12+12+12	9+12+12+12+12+12
	6+6+6+6+9	6+6+9+9+18	6+9+9+9+12	6+12+12+12+18	9+9+12+12+24	6+6+6+6+6+9	6+6+6+9+12+12	6+6+9+12+12+24	6+9+12+12+12+18	12+12+12+12+12+12
	6+6+6+6+12	6+6+9+9+24	6+9+9+9+18	6+12+12+12+24	9+9+12+18+18	6+6+6+6+6+12	6+6+6+9+12+18	6+6+12+12+12+12	6+12+12+12+12+12	
	6+6+6+6+18	6+6+9+12+12	6+9+9+9+24	6+12+12+18+18	9+9+12+18+24	6+6+6+6+6+18	6+6+6+9+12+24	6+6+12+12+12+18	6+12+12+12+12+18	
	6+6+6+6+24	6+6+9+12+18	6+9+9+12+12	6+12+18+18+18	9+9+18+18+18	6+6+6+6+6+24	6+6+6+12+12+12	6+6+12+12+12+24	9+9+9+9+9+9	
	6+6+6+9+9	6+6+9+12+24	6+9+9+12+18	9+9+9+9+9	9+12+12+12+12	6+6+6+6+9+9	6+6+6+12+12+18	6+9+9+9+9+9	9+9+9+9+9+12	
	6+6+6+9+12	6+6+9+18+18	6+9+9+12+24	9+9+9+9+12	9+12+12+12+18	6+6+6+6+9+12	6+6+6+12+12+24	6+9+9+9+9+12	9+9+9+9+9+18	
	6+6+6+9+18	6+6+9+18+24	6+9+9+18+18	9+9+9+9+18	9+12+12+12+24	6+6+6+6+9+18	6+6+9+9+9+9	6+9+9+9+9+18	9+9+9+9+9+24	
	6+6+6+9+24	6+6+12+12+12	6+9+9+18+24	9+9+9+9+24	9+12+12+18+18	6+6+6+6+9+24	6+6+9+9+9+12	6+9+9+9+9+24	9+9+9+9+12+12	
	6+6+6+12+12	6+6+12+12+18	6+9+12+12+12	9+9+9+12+12	12+12+12+12+12	6+6+6+6+12+12	6+6+9+9+9+18	6+9+9+9+12+12	9+9+9+9+12+18	
	6+6+6+12+18	6+6+12+12+24	6+9+12+12+18	9+9+9+12+18	12+12+12+12+18	6+6+6+6+12+18	6+6+9+9+9+24	6+9+9+9+12+18	9+9+9+9+12+24	
	6+6+6+12+24	6+6+12+18+18	6+9+12+12+24	9+9+9+12+24	12+12+12+12+24	6+6+6+6+12+24	6+6+9+9+12+12	6+9+9+9+12+24	9+9+9+12+12+12	
	6+6+6+18+18	6+6+12+18+24	6+9+12+18+18	9+9+9+18+18	12+12+12+18+18	6+6+6+9+9+9	6+6+9+9+12+18	6+9+9+12+12+12	9+9+9+12+12+18	
	6+6+6+18+24	6+6+18+18+18	6+9+12+18+24	9+9+9+18+24		6+6+6+9+9+12	6+6+9+9+12+24	6+9+9+12+12+18	9+9+12+12+12+12	
	6+6+9+9+9	6+6+18+18+24	6+9+18+18+18	9+9+12+12+12		6+6+6+9+9+18	6+6+9+12+12+12	6+9+9+12+12+24	9+9+12+12+12+18	

Model	Two Zones		Three Zones			Four Zones				
37MGHAQ55FA3	6+24	12+24	6+6+18	6+18+18	9+18+18	6+6+6+6	6+9+9+12	9+9+9+9	12+12+12+12	
	6+30	12+30	6+6+24	6+18+24	9+18+24	6+6+6+9	6+9+9+18	9+9+9+12	12+12+12+18	
	6+36	12+36	6+6+30	6+18+30	9+18+30	6+6+6+12	6+9+9+24	9+9+9+18	12+12+12+24	
	9+18	18+18	6+6+36	6+18+36	9+18+36	6+6+6+18	6+9+12+12	9+9+9+24	12+12+18+18	
	9+24	18+24	6+9+9	9+9+9	12+12+12	6+6+6+24	6+9+12+18	9+9+12+12	12+12+18+24	
	9+30	18+30	6+9+12	9+9+12	12+12+18	6+6+9+9	6+9+12+24	9+9+12+18	12+18+18+18	
	9+36	18+36	6+9+18	9+9+18	12+12+24	6+6+9+12	6+9+18+18	9+9+12+24		
	12+12	24+24	6+9+24	9+9+24	12+12+30	6+6+9+18	6+9+18+24	9+9+18+18		
	12+18	24+30	6+9+30	9+9+30	12+12+36	6+6+9+24	6+12+12+12	9+9+18+24		
	24+36		6+9+36	9+9+36	12+18+18	6+6+12+12	6+12+12+18	9+12+12+12		
			6+12+12	9+12+12	12+18+24	6+6+12+18	6+12+12+24	9+12+12+18		
			6+12+18	9+12+18	12+18+30	6+6+12+24	6+12+18+18	9+12+12+24		
			6+12+24	9+12+24	12+18+36	6+6+18+18	6+12+18+24	9+12+18+18		
			6+12+30	9+12+30	18+18+18	6+6+18+24	6+18+18+18	9+12+18+24		
			6+12+36	9+12+36		6+9+9+9	6+18+18+24	9+18+18+18		
	Five Zones					Six Zones				
	6+6+6+6+6	6+6+9+9+12	6+9+9+9+9	6+12+12+12+12	9+9+12+12+18	6+6+6+6+6+6	6+6+6+9+9+24	6+6+9+12+12+18	6+9+12+12+12+12	9+12+12+12+12+12
	6+6+6+6+9	6+6+9+9+18	6+9+9+9+12	6+12+12+12+18	9+9+12+12+24	6+6+6+6+6+9	6+6+6+9+12+12	6+6+9+12+12+24	6+9+12+12+12+18	12+12+12+12+12+12
	6+6+6+6+12	6+6+9+9+24	6+9+9+9+18	6+12+12+12+24	9+9+12+18+18	6+6+6+6+6+12	6+6+6+9+12+18	6+6+12+12+12+12	6+12+12+12+12+12	
	6+6+6+6+18	6+6+9+12+12	6+9+9+9+24	6+12+12+18+18	9+9+12+18+24	6+6+6+6+6+18	6+6+6+9+12+24	6+6+12+12+12+18	6+12+12+12+12+18	
	6+6+6+6+24	6+6+9+12+18	6+9+9+12+12	6+12+18+18+18	9+9+18+18+18	6+6+6+6+6+24	6+6+6+12+12+12	6+6+12+12+12+24	9+9+9+9+9+9	
	6+6+6+9+9	6+6+9+12+24	6+9+9+12+18	9+9+9+9+9	9+12+12+12+12	6+6+6+6+9+9	6+6+6+12+12+18	6+9+9+9+9+9	9+9+9+9+9+12	
	6+6+6+9+12	6+6+9+18+18	6+9+9+12+24	9+9+9+9+12	9+12+12+12+18	6+6+6+6+9+12	6+6+6+12+12+24	6+9+9+9+9+12	9+9+9+9+9+18	
	6+6+6+9+18	6+6+9+18+24	6+9+9+18+18	9+9+9+9+18	9+12+12+12+24	6+6+6+6+9+18	6+6+9+9+9+9	6+9+9+9+9+18	9+9+9+9+9+24	
	6+6+6+9+24	6+6+12+12+12	6+9+9+18+24	9+9+9+9+24	9+12+12+18+18	6+6+6+6+9+24	6+6+9+9+9+12	6+9+9+9+9+24	9+9+9+9+12+12	
	6+6+6+12+12	6+6+12+12+18	6+9+12+12+12	9+9+9+12+12	12+12+12+12+12	6+6+6+6+12+12	6+6+9+9+9+18	6+9+9+9+12+12	9+9+9+9+12+18	
	6+6+6+12+18	6+6+12+12+24	6+9+12+12+18	9+9+9+12+18	12+12+12+12+18	6+6+6+6+12+18	6+6+9+9+9+24	6+9+9+9+12+18	9+9+9+9+12+24	
	6+6+6+12+24	6+6+12+18+18	6+9+12+12+24	9+9+9+12+24	12+12+12+12+24	6+6+6+6+12+24	6+6+9+9+12+12	6+9+9+9+12+24	9+9+9+12+12+12	
	6+6+6+18+18	6+6+12+18+24	6+9+12+18+18	9+9+9+18+18	12+12+12+18+18	6+6+6+9+9+9	6+6+9+9+12+18	6+9+9+12+12+12	9+9+9+12+12+18	
	6+6+6+18+24	6+6+18+18+18	6+9+12+18+24	9+9+9+18+24		6+6+6+9+9+12	6+6+9+9+12+24	6+9+9+12+12+18	9+9+12+12+12+12	
	6+6+9+9+9	6+6+18+18+24	6+9+18+18+18	9+9+12+12+12		6+6+6+9+9+18	6+6+9+12+12+12	6+9+9+12+12+24	9+9+12+12+12+18	

