

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MGHAQ55FA3



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 #			37MGHAQ55FA3
System	Outdoor Size		55000
	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)
Operating Range	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)
Piping	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
Refrigerant	No. Rows		2.6
	Fins per inch		20
	Circuits		5
	Type		TWIN-ROTARY
Outdoor Coil	Model		EKPQ440D1UMUB
	Oil Type		ESTER OIL
	Oil Charge	Fl. Oz.	43.96
	Rated Current	RLA	7
Compressor	Airflow	CFM	4502.648617
	Sound Pressure	dB(A)	65
	Height	in (mm)	52.48(1333)
	Width	in (mm)	37.48(952)
Airflow & Sound	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)
Dimensions			

* Condensing unit above or below indoor unit

Performance		
Ductless		
Cooling Rated Capacity (DOE A2 - 95°F)		51000
Cooling Capacity Range		19000~59000
SEER2	Btu/h	22.3
EER2 (DOE A2 - 95°F)	Btu/h	12
Heating Rated Capacity (DOE H12 - 47°F)		55000
Heating Capacity Range		20000~59000
COP (DOE H12 - 47°F)	Btu/h	3.5
HSPF2 IV	Btu/h	10.5
HSPF2 V	Btu/h	8.5
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	54000
EER2 (DOE B2 - 82°F)	Btu/h	14
Heating Rated Capacity (DOE H32 - 17°F)		44000
COP (DOE H32 - 17°F)	W/W	2.6
Heating Maximum Capacity (17°F)		52000
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	45000
Heating Capacity at -4F (-20°C)	Btu/h	38500
Heating Capacity at -13F (-25°C)	Btu/h	32000
Heating Capacity at -22F (-30°C)	Btu/h	26400
Ducted		
Cooling Rated Capacity (DOE A2 - 95°F)		53000
Cooling Capacity Range		19000~60000
SEER2	Btu/h	20.2
EER2 (DOE A2 - 95°F)	Btu/h	11.7
Heating Rated Capacity (DOE H12 - 47°F)		55000
Heating Capacity Range		20000~61000
COP (DOE H12 - 47°F)	Btu/h	3.7
HSPF2 IV	Btu/h	10.7
HSPF2 V	Btu/h	8.8
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	55000
EER2 (DOE B2 - 82°F)	Btu/h	14
Heating Rated Capacity (DOE H32 - 17°F)		45000
COP (DOE H32 - 17°F)	W/W	2.7
Heating Maximum Capacity (17°F)		52000
Heating Rated Capacity (ODE H42 - 5°F)		48000
COP (DOE H42 - 5°F)	W/W	2.1
Heating Maximum Capacity_5	Btu/h	48000
Cooling Capacity at 109 F (43°C)	Btu/h	46000
Heating Capacity at -4F (-20°C)	Btu/h	37000
Heating Capacity at -13F (-25°C)	Btu/h	30400
Heating Capacity at -22F (-30°C)	Btu/h	25200
Mixed		
Cooling Rated Capacity (DOE A2 - 95°F)		52000
Cooling Capacity Range		19000~59500
SEER2	Btu/h	21.25
EER2 (DOE A2 - 95°F)	Btu/h	11.85
Heating Rated Capacity (DOE H12 - 47°F)		55000
Heating Capacity Range		20000~60000
COP (DOE H12 - 47°F)	Btu/h	3.6
HSPF2 IV	Btu/h	10.6
HSPF2 V	Btu/h	8.65
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	54500
EER2 (DOE B2 - 82°F)	Btu/h	14
Heating Rated Capacity (DOE H32 - 17°F)		44500
COP (DOE H32 - 17°F)	W/W	2.65
Heating Maximum Capacity (17°F)		52000
Heating Rated Capacity (ODE H42 - 5°F)		47500
COP (DOE H42 - 5°F)	W/W	2.05
Heating Maximum Capacity_5	Btu/h	47500
Cooling Capacity at 109 F (43°C)	Btu/h	45500
Heating Capacity at -4F (-20°C)	Btu/h	37750
Heating Capacity at -13F (-25°C)	Btu/h	31200
Heating Capacity at -22F (-30°C)	Btu/h	25800



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+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+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+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+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+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+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		

