

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MGRAQ55FA3



Job Data:

Location:

Carrier #:

37MGRAQ55FA3

Tag #:

Date:



- STANDARD FEATURES
- Multiple styles of indoor units
 - High Wall
 - 4-way Cassette
 - 1-way Cassette
 - Slim Ducted
 - Floor Console
 - Ceiling & Floor
 - Air Handler
 - 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 #			37MGRAQ55FA3	
System	Outdoor Size		55000	
	Voltage, Phase, Cycle		208-230/1/60	
Electrical	MCA	A.	40	
	MOPA	A.	45	
	SCCR	kA	5	
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-13~122(-25~50)	
	Heating Outdoor DB Min - Max	°F(°C)	-13~75(-25~24)	
Piping	Total Piping Length		ft (m)	
	Std Piping Length		24.6 (7.5)	
	Piping Lift		ft (m)	
	Pipe Connection Size - Liquid		in (mm)	
	Pipe Connection Size - Suction		in (mm)	
Refrigerant	Refrigerant Type		R454B	
	Charge	lbs (kg)	9.48(4.3)	
	Add'l Refrigerant (between Std & Max Piping Lengths)		Oz/ft (g/m)	
			0.16(15)	
Outdoor Coil	Face Area		Sq. Ft.	
	No. Rows			
	Fins per inch			
	Circuits			
Compressor	Type		ROTARY	
	Model			
	Oil Type		ESTER OIL	
	Oil Charge	Fl. Oz.	47.35	
Airflow & Sound	Rated Current		RLA	
	Airflow	CFM	4502.6	
	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)	237.88(107.9)	
	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)	270.28(122.6)	

* Condensing unit above or below indoor unit

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Performance				
Ductless				
Cooling Rated Capacity (DOE A2 - 95°F)			60000	
Cooling Capacity Range			19000~62000	
SEER2	Btu/h		22	
EER2 (DOE A2 - 95°F)	Btu/h		10	
Heating Rated Capacity (DOE H12 - 47°F)			60000	
Heating Capacity Range			20000~60000	
COP (DOE H12 - 47°F)	Btu/h		3.7	
HSPF2 IV	Btu/h		9.6	
HSPF2 V	Btu/h		7.4	
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h		63000	
EER2 (DOE B2 - 82°F)	Btu/h		12	
Heating Rated Capacity (DOE H32 - 17°F)			39000	
COP (DOE H32 - 17°F)	W/W		2.8	
Heating Maximum Capacity (17°F)			W/W	
Heating Rated Capacity (ODE H42 - 5°F)			W/W	
COP (DOE H42 - 5°F)			2.2	
Heating Maximum Capacity_5			Btu/h	
Cooling Capacity at 109 F (43°C)			Btu/h	
Heating Capacity at -4F (-20°C)			Btu/h	
Heating Capacity at -13F (-25°C)			Btu/h	
Ducted				
Cooling Rated Capacity (DOE A2 - 95°F)			60000	
Cooling Capacity Range			19000~61000	
SEER2	Btu/h		18	
EER2 (DOE A2 - 95°F)	Btu/h		10	
Heating Rated Capacity (DOE H12 - 47°F)			60000	
Heating Capacity Range			20000~61000	
COP (DOE H12 - 47°F)	Btu/h		3.7	
HSPF2 IV	Btu/h		9.3	
HSPF2 V	Btu/h		7.2	
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h		64000	
EER2 (DOE B2 - 82°F)	Btu/h		11	
Heating Rated Capacity (DOE H32 - 17°F)			39000	
COP (DOE H32 - 17°F)	W/W		2.6	
Heating Maximum Capacity (17°F)			W/W	
Heating Rated Capacity (ODE H42 - 5°F)			W/W	
COP (DOE H42 - 5°F)			2.1	
Heating Maximum Capacity_5			Btu/h	
Cooling Capacity at 109 F (43°C)			Btu/h	
Heating Capacity at -4F (-20°C)			Btu/h	
Heating Capacity at -13F (-25°C)			Btu/h	
Mixed				
Cooling Rated Capacity (DOE A2 - 95°F)			60000	
Cooling Capacity Range			19000~61500	
SEER2	Btu/h		20	
EER2 (DOE A2 - 95°F)	Btu/h		10	
Heating Rated Capacity (DOE H12 - 47°F)			60000	
Heating Capacity Range			20000~60500	
COP (DOE H12 - 47°F)	Btu/h		3.7	
HSPF2 IV	Btu/h		9.45	
HSPF2 V	Btu/h		7.3	
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h		63500	
EER2 (DOE B2 - 82°F)	Btu/h		11.5	
Heating Rated Capacity (DOE H32 - 17°F)			39000	
COP (DOE H32 - 17°F)	W/W		2.7	
Heating Maximum Capacity (17°F)			W/W	
Heating Rated Capacity (ODE H42 - 5°F)			W/W	
COP (DOE H42 - 5°F)			2.15	
Heating Maximum Capacity_5			Btu/h	
Cooling Capacity at 109 F (43°C)			Btu/h	
Heating Capacity at -4F (-20°C)			Btu/h	
Heating Capacity at -13F (-25°C)			Btu/h	



