

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MGHAQ24DA3



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 #		37MGHAQ24DA3	
System	Outdoor Size	24000	
	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
Electrical	MCA	A.	30
	MOPA	A.	35
	SCCR	kA	5
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-22~122(-30~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~75(-30~24)
Piping	Total Piping Length	ft (m)	262.5(80)
	Std Piping Length	ft (m)	24.6 (7.5)
	Piping Lift	ft (m)	49.2(15)
	Pipe Connection Size - Liquid	in (mm)	4x1/4in(4x6.35mm)
	Pipe Connection Size - Suction	in (mm)	3x3/8in+1x1/2in(3x9.52mm+1x12.7mm)
Refrigerant	Refrigerant Type	R454B	
	Charge	lbs (kg)	7.54(3.42)
Outdoor Coil	Add'l Refrigerant (between Std & Max)	Oz/ft	0.16(15)
	Face Area	Sq. Ft.	8.16
	No. Rows		2.5
	Fins per inch		20
Compressor	Circuits		12
	Type	ROTARY	
	Model	KTF310D43UMT	
	Oil Type	ESTER OIL	
Airflow & Sound	Oil Charge	Fl. Oz.	33.82
	Rated Current	RLA	5.38
Airflow & Sound	Airflow	CFM	2148.322543
	Sound Pressure	dB(A)	61
Dimensions	Height	in (mm)	31.89(810)
	Width	in (mm)	37.24(946)
	Depth	in (mm)	16.14(410)
	Net Weight	lbs (kg)	168.43(76.4)
	Shipping Height	in (mm)	34.84(885)
	Shipping Width	in (mm)	42.91(1090)
	Shipping Depth	in (mm)	19.68(500)
Shipping Net Weight	lbs (kg)	179.68(81.5)	

* Condensing unit above or below indoor unit

Performance			
Ductless			
Cooling Rated Capacity (DOE A2 - 95°F)		24000	
Cooling Capacity Range		7200~37000	
SEER2	Btu/h	24	
EER2 (DOE A2 - 95°F)	Btu/h	13	
Heating Rated Capacity (DOE H12 - 47°F)		25000	
Heating Capacity Range		8400~36000	
COP (DOE H12 - 47°F)	Btu/h	4	
HSPF2 IV	Btu/h	10	
HSPF2 V	Btu/h	8	
Cooling Rated Capacity (DOE B2 - 82°F)		26800	
EER2 (DOE B2 - 82°F)	Btu/h	16	
Heating Rated Capacity (DOE H32 - 17°F)		23600	
COP (DOE H32 - 17°F)	W/W	2.5	
Heating Maximum Capacity (17°F)		28000	
Heating Rated Capacity (ODE H42 - 5°F)		25000	
COP (DOE H42 - 5°F)	W/W	2	
Heating Maximum Capacity 5		25000	
Cooling Capacity at 109 F (43°C)		32000	
Heating Capacity at -4F (-20°C)		21000	
Heating Capacity at -13F (-25°C)		17000	
Heating Capacity at -22F (-30°C)		14000	
Ducted			
Cooling Rated Capacity (DOE A2 - 95°F)		24000	
Cooling Capacity Range		7200~38000	
SEER2	Btu/h	20	
EER2 (DOE A2 - 95°F)	Btu/h	13	
Heating Rated Capacity (DOE H12 - 47°F)		25000	
Heating Capacity Range		8400~38000	
COP (DOE H12 - 47°F)	Btu/h	3.6	
HSPF2 IV	Btu/h	9.5	
HSPF2 V	Btu/h	8	
Cooling Rated Capacity (DOE B2 - 82°F)		27800	
EER2 (DOE B2 - 82°F)	Btu/h	17	
Heating Rated Capacity (DOE H32 - 17°F)		23000	
COP (DOE H32 - 17°F)	W/W	2.4	
Heating Maximum Capacity (17°F)		27000	
Heating Rated Capacity (ODE H42 - 5°F)		25000	
COP (DOE H42 - 5°F)	W/W	1.9	
Heating Maximum Capacity 5		25000	
Cooling Capacity at 109 F (43°C)		30400	
Heating Capacity at -4F (-20°C)		20000	
Heating Capacity at -13F (-25°C)		16000	
Heating Capacity at -22F (-30°C)		13000	
Mixed			
Cooling Rated Capacity (DOE A2 - 95°F)		24000	
Cooling Capacity Range		7200~37500	
SEER2	Btu/h	22	
EER2 (DOE A2 - 95°F)	Btu/h	13	
Heating Rated Capacity (DOE H12 - 47°F)		25000	
Heating Capacity Range		8400~37000	
COP (DOE H12 - 47°F)	Btu/h	3.8	
HSPF2 IV	Btu/h	9.75	
HSPF2 V	Btu/h	8	
Cooling Rated Capacity (DOE B2 - 82°F)		27300	
EER2 (DOE B2 - 82°F)	Btu/h	16.5	
Heating Rated Capacity (DOE H32 - 17°F)		23300	
COP (DOE H32 - 17°F)	W/W	2.45	
Heating Maximum Capacity (17°F)		27500	
Heating Rated Capacity (ODE H42 - 5°F)		25000	
COP (DOE H42 - 5°F)	W/W	1.95	
Heating Maximum Capacity 5		25000	
Cooling Capacity at 109 F (43°C)		31200	
Heating Capacity at -4F (-20°C)		20500	
Heating Capacity at -13F (-25°C)		16500	
Heating Capacity at -22F (-30°C)		13500	



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