

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MGRAQ24DA3



Job Data:
Tag #:

Location:

Carrier #: 37MGRAQ24DA3
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 #			37MGRAQ24DA3
System	Outdoor Size		24000
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
	MCA	A.	23
	MOPA	A.	35
	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)	262.5(80)
	Std Piping Length		24.6 (7.5)
	Piping Lift	ft (m)	49.21(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)	5.29(2.4)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)	0.16(15)
	Face Area	Sq. Ft.	8.18
Outdoor Coil	No. Rows		2
	Fins per inch		19
	Circuits		6
Compressor	Type		ROTARY
	Model		KTM240D46UKT2
	Oil Type		ESTER OIL
Airflow & Sound	Oil Charge	Fl. Oz.	20.97
	Rated Current	RLA	4.15/9.30
	Airflow	CFM	2130.7
	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)	138.89(63)
	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)	149.69(67.9)

* Condensing unit above or below indoor unit

Performance			
Ductless			
Cooling Rated Capacity (DOE A2 - 95°F)			24000
Cooling Capacity Range			7200~32000
SEER2	Btu/h		25
EER2 (DOE A2 - 95°F)	Btu/h		13.5
Heating Rated Capacity (DOE H12 - 47°F)			25000
Heating Capacity Range			8400~29000
COP (DOE H12 - 47°F)	Btu/h		4
HSPF2 IV	Btu/h		9.5
HSPF2 V	Btu/h		7.5
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h		27800
EER2 (DOE B2 - 82°F)	Btu/h		18
Heating Rated Capacity (DOE H32 - 17°F)			17800
COP (DOE H32 - 17°F)	W/W		2.6
Heating Maximum Capacity (17°F)			19000
Heating Rated Capacity (ODE H42 - 5°F)		W/W	18000
COP (DOE H42 - 5°F)			2
Heating Maximum Capacity_5	Btu/h		18000
Cooling Capacity at 109 F (43°C)	Btu/h		26000
Heating Capacity at -4F (-20°C)	Btu/h		11000
Heating Capacity at -13F (-25°C)	Btu/h		11000
Ducted			
Cooling Rated Capacity (DOE A2 - 95°F)			24000
Cooling Capacity Range			7200~32000
SEER2	Btu/h		21
EER2 (DOE A2 - 95°F)	Btu/h		12.5
Heating Rated Capacity (DOE H12 - 47°F)			25000
Heating Capacity Range			8400~28800
COP (DOE H12 - 47°F)	Btu/h		3.8
HSPF2 IV	Btu/h		9.5
HSPF2 V	Btu/h		7.5
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h		28000
EER2 (DOE B2 - 82°F)	Btu/h		17
Heating Rated Capacity (DOE H32 - 17°F)			18200
COP (DOE H32 - 17°F)	W/W		2.6
Heating Maximum Capacity (17°F)			18600
Heating Rated Capacity (ODE H42 - 5°F)		W/W	18000
COP (DOE H42 - 5°F)			2
Heating Maximum Capacity_5	Btu/h		18000
Cooling Capacity at 109 F (43°C)	Btu/h		27400
Heating Capacity at -4F (-20°C)	Btu/h		13400
Heating Capacity at -13F (-25°C)	Btu/h		12000
Mixed			
Cooling Rated Capacity (DOE A2 - 95°F)			24000
Cooling Capacity Range			7200~32000
SEER2	Btu/h		23
EER2 (DOE A2 - 95°F)	Btu/h		13
Heating Rated Capacity (DOE H12 - 47°F)			25000
Heating Capacity Range			8400~28900
COP (DOE H12 - 47°F)	Btu/h		3.9
HSPF2 IV	Btu/h		9.5
HSPF2 V	Btu/h		7.5
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h		27900
EER2 (DOE B2 - 82°F)	Btu/h		17.5
Heating Rated Capacity (DOE H32 - 17°F)			18000
COP (DOE H32 - 17°F)	W/W		2.6
Heating Maximum Capacity (17°F)			18800
Heating Rated Capacity (ODE H42 - 5°F)		W/W	18000
COP (DOE H42 - 5°F)			2
Heating Maximum Capacity_5	Btu/h		18000
Cooling Capacity at 109 F (43°C)	Btu/h		26700
Heating Capacity at -4F (-20°C)	Btu/h		12200
Heating Capacity at -13F (-25°C)	Btu/h		11500



