

Outdoor Unit Multizone Heat Pump Ductless System

Outdoor Model: 37MGHAQ30EA3



Job Data:
Tag #:

Location:

Carrier #: 37MGHAQ30EA3
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.

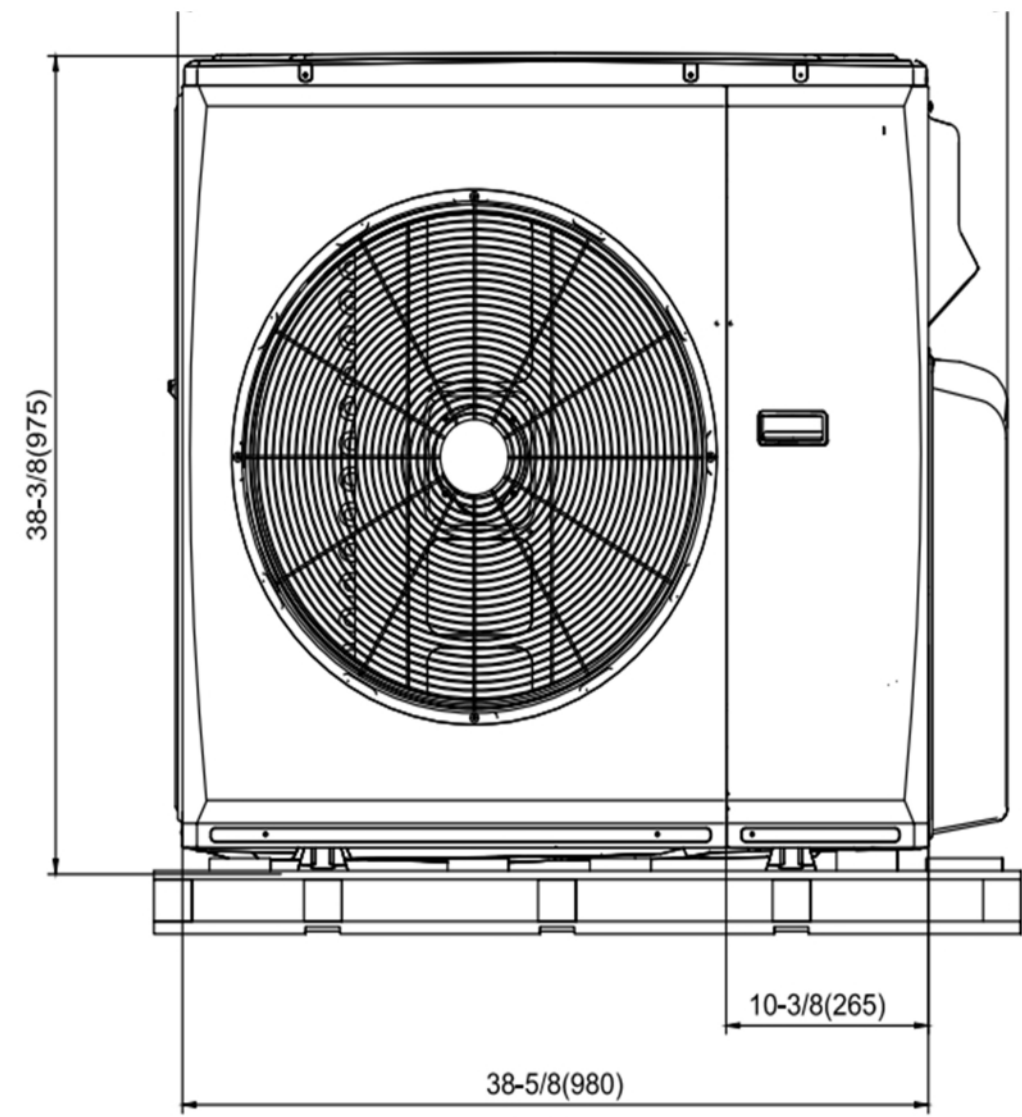
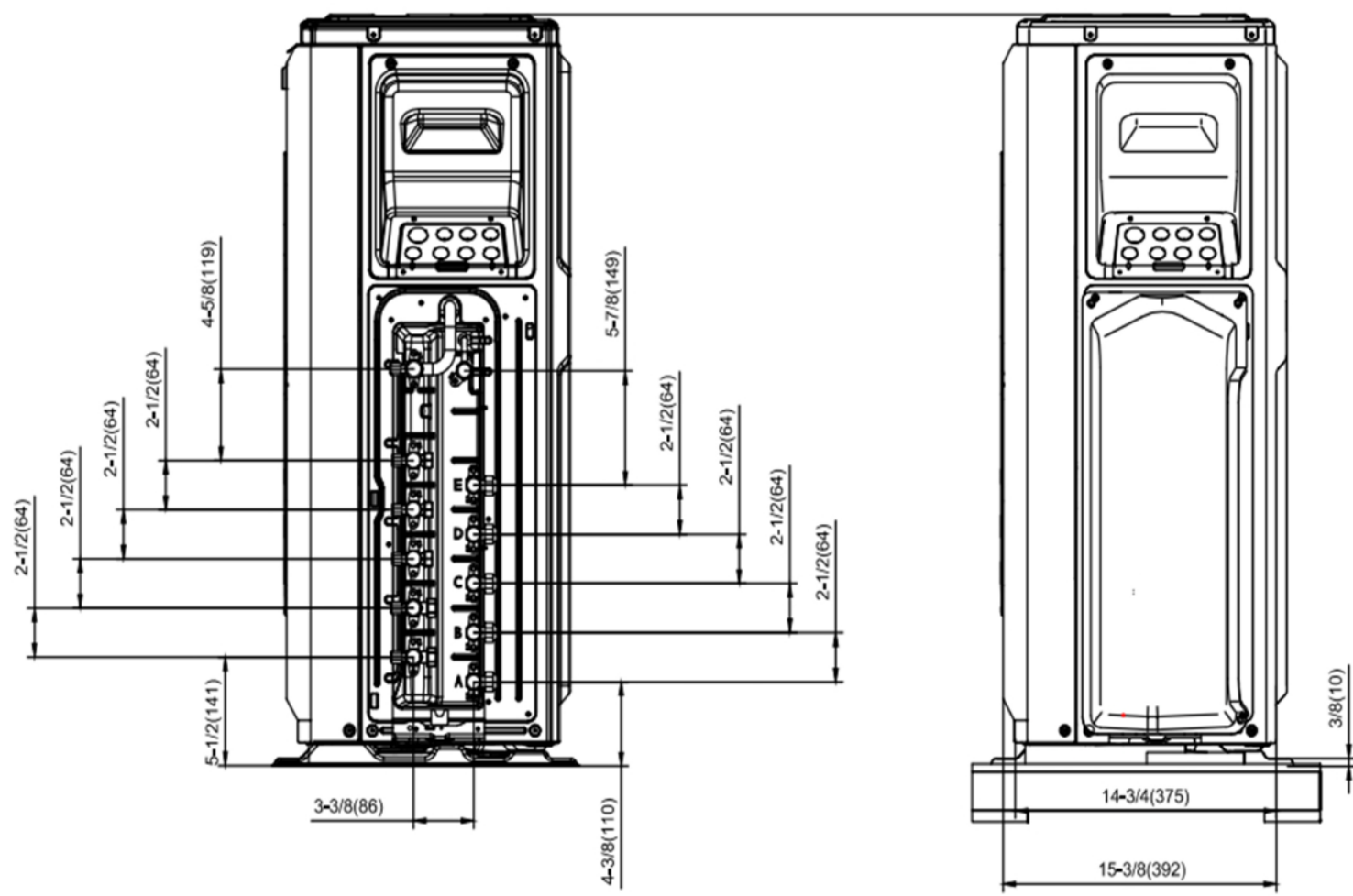
Outdoor - Heat Pump			
Outdoor Model #			37MGHAQ30EA3
System	Outdoor Size		30000
	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
Electrical	MCA	A.	37
	MOPA	A.	40
	SCCR	kA	5
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-22~122(-30~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~75(-30~24)
Piping	Total Piping Length	ft (m)	262.5(80)
	Std Piping Length		24.6 (7.5)
	Piping Lift	ft (m)	49.21(15)
	Pipe Connection Size - Liquid	in (mm)	5x1/4in(5x6.35mm)
	Pipe Connection Size - Suction	in (mm)	3x3/8in+2x1/2in(3x9.52mm+2x12.7mm)
Refrigerant	Refrigerant Type		R454B
	Charge	lbs (kg)	8.38(3.8)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)	0.16(15)
Outdoor Coil	Face Area	Sq. Ft.	9.85
	No. Rows		2.6
	Fins per inch		20
	Circuits		14
Compressor	Type		TWIN-ROTARY
	Model		EKPQ420D1UMUA
	Oil Type		ESTER OIL
Airflow & Sound	Oil Charge	Fl. Oz.	49.37
	Rated Current	RLA	6.6
Dimensions	Airflow	CFM	3037.080636
	Sound Pressure	dB(A)	65
	Height	in (mm)	38.39(975)
	Width	in (mm)	38.58(980)
	Depth	in (mm)	16.34(415)
	Net Weight	lbs (kg)	211.86(96.1)
	Shipping Height	in (mm)	42.52(1080)
	Shipping Width	in (mm)	45.08(1145)
	Shipping Depth	in (mm)	19.68(500)
	Shipping Net Weight	lbs (kg)	244.71(111)

* Condensing unit above or below indoor unit

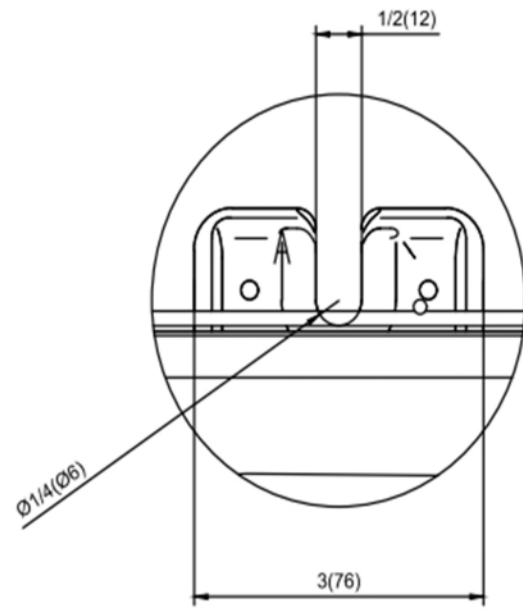
Performance		
Ductless		
Cooling Rated Capacity (DOE A2 - 95°F)		30000
Cooling Capacity Range		9000~43000
SEER2	Btu/h	24
EER2 (DOE A2 - 95°F)	Btu/h	13.2
Heating Rated Capacity (DOE H12 - 47°F)		31000
Heating Capacity Range		10000~44000
COP (DOE H12 - 47°F)	Btu/h	4
HSPF2 IV	Btu/h	10.7
HSPF2 V	Btu/h	8.5
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	34000
EER2 (DOE B2 - 82°F)	Btu/h	20
Heating Rated Capacity (DOE H32 - 17°F)		30000
COP (DOE H32 - 17°F)	W/W	2.4
Heating Maximum Capacity (17°F)	W/W	42000
Heating Rated Capacity (ODE H42 - 5°F)		36000
COP (DOE H42 - 5°F)		2
Heating Maximum Capacity_5	Btu/h	36000
Cooling Capacity at 109 F (43°C)	Btu/h	39000
Heating Capacity at -4F (-20°C)	Btu/h	34400
Heating Capacity at -13F (-25°C)	Btu/h	28000
Heating Capacity at -22F (-30°C)	Btu/h	22400
Ducted		
Cooling Rated Capacity (DOE A2 - 95°F)		30000
Cooling Capacity Range		9000~42000
SEER2	Btu/h	19.5
EER2 (DOE A2 - 95°F)	Btu/h	12.5
Heating Rated Capacity (DOE H12 - 47°F)		31000
Heating Capacity Range		10000~45000
COP (DOE H12 - 47°F)	Btu/h	3.9
HSPF2 IV	Btu/h	10.5
HSPF2 V	Btu/h	8.8
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	34000
EER2 (DOE B2 - 82°F)	Btu/h	18
Heating Rated Capacity (DOE H32 - 17°F)		33000
COP (DOE H32 - 17°F)	W/W	2.4
Heating Maximum Capacity (17°F)	W/W	34000
Heating Rated Capacity (ODE H42 - 5°F)	W/W	36000
COP (DOE H42 - 5°F)		1.95
Heating Maximum Capacity_5	Btu/h	36000
Cooling Capacity at 109 F (43°C)	Btu/h	33000
Heating Capacity at -4F (-20°C)	Btu/h	27400
Heating Capacity at -13F (-25°C)	Btu/h	21000
Heating Capacity at -22F (-30°C)	Btu/h	17300
Mixed		
Cooling Rated Capacity (DOE A2 - 95°F)		30000
Cooling Capacity Range		9000~42500
SEER2	Btu/h	21.75
EER2 (DOE A2 - 95°F)	Btu/h	12.85
Heating Rated Capacity (DOE H12 - 47°F)		31000
Heating Capacity Range		10000~44500
COP (DOE H12 - 47°F)	Btu/h	3.95
HSPF2 IV	Btu/h	10.6
HSPF2 V	Btu/h	8.65
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	34000
EER2 (DOE B2 - 82°F)	Btu/h	19
Heating Rated Capacity (DOE H32 - 17°F)		31500
COP (DOE H32 - 17°F)	W/W	2.4
Heating Maximum Capacity (17°F)	W/W	38000
Heating Rated Capacity (ODE H42 - 5°F)	W/W	36000
COP (DOE H42 - 5°F)		1.975
Heating Maximum Capacity_5	Btu/h	36000
Cooling Capacity at 109 F (43°C)	Btu/h	36000
Heating Capacity at -4F (-20°C)	Btu/h	30900
Heating Capacity at -13F (-25°C)	Btu/h	24500
Heating Capacity at -22F (-30°C)	Btu/h	19850



R-454B



DETAIL A
SCALE 1:1



DETAIL B
SCALE 1:1

