Outdoor Unit Heat Pump Ductless System

Outdoor Model: **37MHRAQ18AA3**

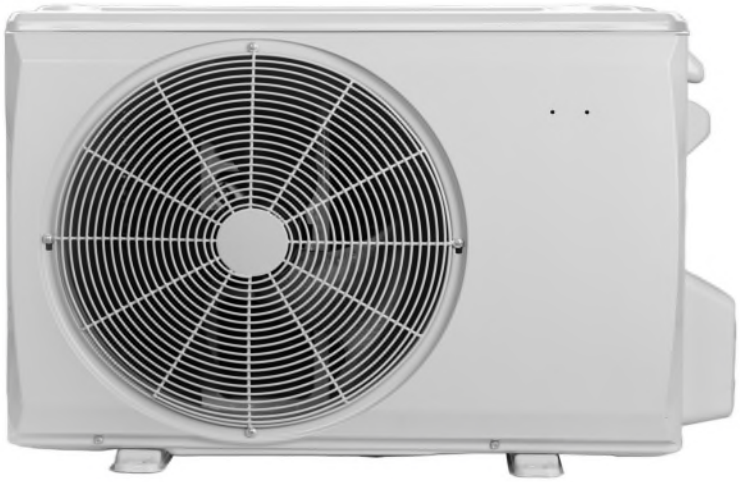
Job Data:

Tag #:

Date:

Location:

Carrier#:



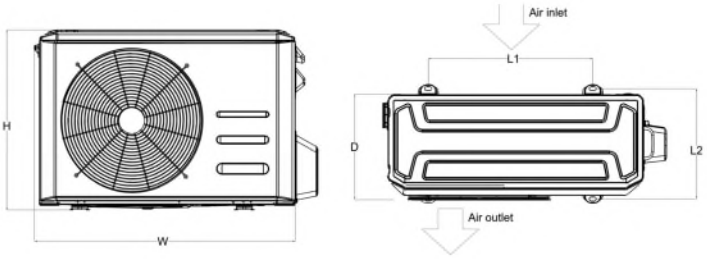
OUTDOOR STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Quiet operation
- Anti-corrosive fin coating

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 UNIT DIMENSIONS						
Capacity	Unit	W	D	H	L1	L2
9K/12K	mm	765	303	555	452.4	285.76
	inch	30.12	11.93	21.85	17.81	11.25
18K	mm	805	330	554	511.00	317.2
	inch	31.69	12.99	21.81	20.1	12.5
24K	mm	890	342	673	663	346.67
	inch	35.04	13.46	26.5	26.1	13.65
30K/36K	mm	946	410	810	672.96	402.6
	inch	37.24	16.14	31.89	26.49	15.85

Outdoor - Heat Pump			
System	**Outdoor Model #**		37MHRAQ18AA3
	Outdoor Size		18000
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
	MCA	A.	15
	MOPA	A.	20
	SCCR	kA	5
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	5~122(-15～50)
	Heating Outdoor DB Min - Max	°F(°C)	5~75(-15～24)
Piping	Min. Piping Length	ft (m)	9.8 (3)
	Standard Piping Length	ft. (m)	24.6 (7.5)
	Total Piping Length	ft (m)	98.42(30)
	Piping Lift*	ft (m)	65.62(20)
	Pipe Connection Size - Liquid	in (mm)	1/4in(6.35mm)
	Pipe Connection Size - Suction	in (mm)	1/2in(12.7mm)
Refrigerant	Refrigerant Type		R454B
	Charge	lbs (kg)	2.54(1.15)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)	0.16(15)
Outdoor Coil	Face Area	Sq. Ft.	4.67
	No. Rows		2
	Fins per inch		20
	Circuits		4
Compressor	Type		ROTARY
	Model		KSN140D21UFZ
	Oil Type		ESTER OIL
	Oil Charge	Fl. Oz.	14.88
	Rated Current	RLA	7.5
Airflow & Sound	Airflow	CFM	1236
	Sound Pressure	dB(A)	58
Dimensions	Height	inch	21.81(554)
	Width	inch	31.69(805)
	Depth	inch	12.99(330)
	Net Weight	lbs.	72.31(32.8)
	Shipping Height	inch	24.21(615)
	Shipping Width	inch	36.02(915)
	Shipping Depth	inch	14.57(370)
	Shipping Net Weight	lbs.	78.48(35.6)

*** Condensing unit above or below indoor unit**

R-454B

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