Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: **38MPRAQ18AA3**

Submittal Data

Job Data: _____ Location: _____

Buyer: _____ Buyer P.O. #: _____ Carrier #: _____

Unit Number: _____ Model Number: _____

Performance Data Certified By: _____ Date: _____

STANDARD FEATURES

- 100% Heating Capacity at 0°F (-17°C)
- 100% Cooling capacity at -22°F (-30°C)
- Available in 208/230V
- Built-in basepan heater
- Auto-restart function
- Refrigerant leakage detection
- Quiet outdoor operation
- Anti-corrosive fin coating

- Piping length 98 ft (30m)

- Cooling operating range
-22° ~ 122°F (-30° ~ 50°C)
- Heating operating range
-22° ~ 86°F (-25° ~ 30°C)

LIMITED WARRANTY*

- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years

*For residential applications. See warranty for full details.

Specifications

System	Size		18
	Outdoor Model		38MPRAQ18AA3
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	18
	MOCP - Fuse Rating	A.	30
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-22~122 (-30~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~86 (-30~30)
Piping	Total Piping Length	ft (m)	98 (30)
	Piping Lift*	ft (m)	65 (20)
	Pipe Connection Size - Liquid	in (mm)	3/8" (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8" (15.9)
Refrigerant	Type		R410A
	Charge	lbs (kg)	5.7 (2.6)
	Metering Device		EEV
Outdoor Coil	Face Area	Sq. Ft.	8.16
	No. Rows		2
	Fins per inch		22
	Circuits		4
Compressor	Compressor Type		Rotary Inverter
	Model		KTM240D57UMT
	Oil Type		VG74
	Oil Charge	Fl. Oz.	22.7
	Rated Current	RLA	13.07

Performance High Wall	Energy Star		YES
	Cooling System Tons		1.5
	Cooling Rated Capacity	Btu/h	18,000
	Cooling Cap. Range Min - Max	Btu/h	6,888~30,511
	SEER	Btu/Wh	28.2
	EER	Btu/Wh	14.5
	Heating Rated Capacity (47°F)	Btu/h	18,000
	Heating Maximum Capacity (5°F)	Btu/h	18,000
	Heating Cap. Range Min - Max	Btu/h	10,835~29,414
	HSPF		14
	COP (47°F)	W/W	4.12
	COP (5°F)	W/W	2
Outdoor	Unit Width	in (mm)	37.24 (946)
	Unit Height	in (mm)	31.89 (810)
	Unit Depth	in (mm)	16.14 (410)
	Net Weight	lbs (kg)	135.4(61.4)
	Airflow	CFM	2,236
	Sound Pressure	dB(A)	61.5

* Condensing unit above or below indoor unit
For Compatibility See Product Data

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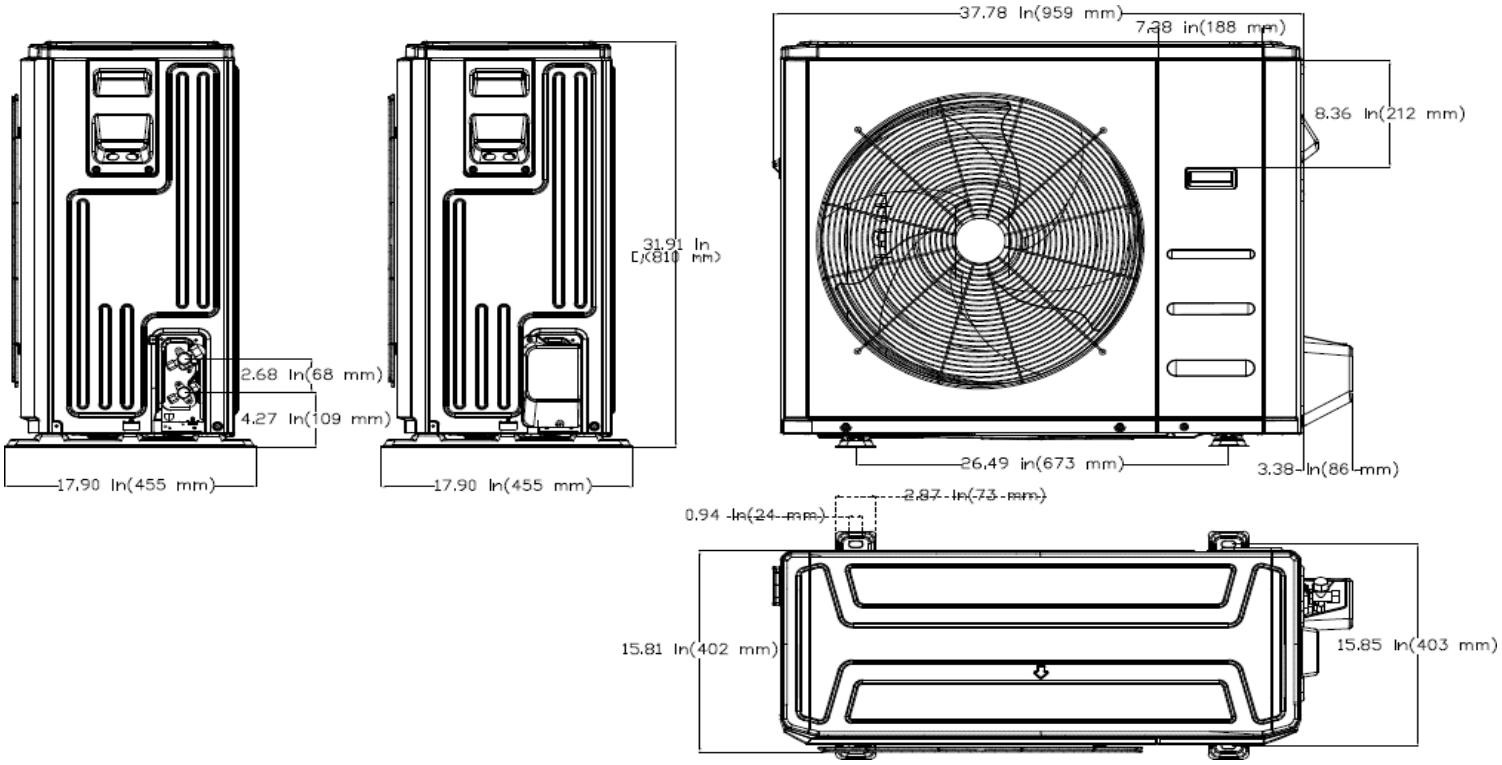
Construction View