

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MPRAQ24AA3

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	24	
	Outdoor Model	38MPRAQ24AA3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	20
	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)	6.5 (2.95)
	Metering Device	EEV	
Outdoor Coil	Face Area	Sq. Ft.	8.16
	No. Rows	3	
	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	13.5

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

Performance High Wall	Energy Star		YES
	Cooling System Tons		1.833333333
	Cooling Rated Capacity	Btu/h	22,000
	Cooling Cap. Range Min - Max	Btu/h	7,445~32,644
	SEER	Btu/Wh	23.5
	EER	Btu/Wh	13.65
	Heating Rated Capacity (47°F)	Btu/h	24,000
	Heating Maximum Capacity (5°F)	Btu/h	24,000
	Heating Cap. Range Min - Max	Btu/h	12,050~32,270
	HSPF		12
Outdoor	COP (47°F)	W/W	3.89
	COP (5°F)	W/W	2
	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)	145.1(65.8)
	Airflow	CFM	2,236
	Sound Pressure	dB(A)	62

Construction View

