

# Outdoor Unit Single Zone Heat Pump Ductless System

**Outdoor Model:** 38MARBQ12AA1

## Submittal Data

Job Data:  Location:

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

Unit Number:  Model Number:

Performance Data Certified By:  Date:



### STANDARD FEATURES

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

### 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.



NOTE: Images for illustration purposes only. Actual models may be slightly different.

System	Size	12	
	Outdoor Model	38MARBQ12AA1	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	115-1-60
	MCA	A.	19
	Recommended Fuse Size	A.	20
	MOCP - Fuse Rating	A.	25
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)	82 (25)
	Piping Lift	ft (m)	32 (10)
	Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)
	Pipe Connection Size - Suction	in (mm)	1/2 (12.7)
Refrigerant	Refrigerant Type	R410A	
	Metering Device	EEV	
	Charge	lbs (kg)	2.47 (1.12)

\* Condensing unit above or below indoor unit

See compatibility chart for additional model specific information

Outdoor Coil	Face Area	Sq. Ft.	4.0
	No. Rows	2	
	Fins per inch	21	
	Circuits	4	
Compressor	Type	Rotary Inverter	
	Model	KSK103D33UEZ3	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	10.5
	Rated Current	RLA	11.5
Outdoor	Unit Width	in (mm)	30.12 (765)
	Unit Height	in (mm)	21.85 (555)
	Unit Depth	in (mm)	11.93 (303)
	Net Weight	lbs (kg)	66.80 (30.3)
	Airflow	CFM	794
	Sound Pressure	dB(A)	54.0

# Performance

High Wall	Indoor Model		12K (115V)
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	3,500~13,200
	SEER		23.0
	EER		13
	Heating Rated Capacity (47°F)	Btu/h	12,100
	Heating Rated Capacity (17°F)	Btu/h	7,400
	Heating Maximum Capacity (17°F)	Btu/h	12,200
	Heating Maximum Capacity (5°F)	Btu/h	7,100
	Heating Cap. Range Min - Max	Btu/h	5,000~12,200
	HSPF		11.5
	COP (47°F)	W/W	3.70
	COP (17°F)	W/W	2.67
	COP (5°F)	W/W	2.18

## Construction View

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