

# Outdoor Unit Single Zone Heat Pump Ductless System



**Outdoor Model:** 38MARBQ09AA3

## Submittal Data

Turn to the experts

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		9
	Outdoor Model		38MARBQ09AA3
Electrical	Voltage, Phase, Cycle		V/Ph/Hz 208/230-1-60
	MCA	A.	15
	MOCP - Fuse Rating		A. 15
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) 3/8 (9.52)
Refrigerant	Refrigerant Type		R410A
	Metering Device		EEV
	Charge	lbs (kg)	2.6 (1.18)

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

Outdoor Coil	Face Area	Sq. Ft.	4.7
	No. Rows		2
	Fins per inch		20
	Circuits		4
Compressor	Type		Rotary Inverter
	Model		KTN110D42UFZ
	Oil Type		VG74
	Oil Charge	Fl. Oz.	11.8
	Rated Current	RLA	6.0
Outdoor	Unit Width	in (mm)	31.69 (805)
	Unit Height	in (mm)	24.21 (615)
	Unit Depth	in (mm)	12.99 (330)
	Net Weight	lbs (kg)	74.07 (33.6)
	Airflow	CFM	1,324
	Sound Pressure	dB(A)	54.5

# Performance

<b>High Wall</b>	Indoor Model		40MAHBQ09XA3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	9,000
	Cooling Cap. Range Min - Max	Btu/h	3,300~13,400
	SEER		28.1
	EER		16.2
	Heating Rated Capacity (47°F)	Btu/h	11,800
	Heating Rated Capacity (17°F)	Btu/h	7,500
	Heating Maximum Capacity (17°F)	Btu/h	12,000
	Heating Maximum Capacity (5°F)	Btu/h	10,500
	Heating Cap. Range Min - Max	Btu/h	5,000~15,200
	HSPF		13.0
	COP (47°F)	W/W	3.81
	COP (17°F)	W/W	3.00
COP (5°F)	W/W	1.80	
<b>Cassette</b>	Indoor Model		40MBCQ09---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	9,000
	Cooling Cap. Range Min - Max	Btu/h	2,850~11,100
	SEER		20.5
	EER		13
	Heating Rated Capacity (47°F)	Btu/h	10,000
	Heating Rated Capacity (17°F)	Btu/h	6,650
	Heating Maximum Capacity (17°F)	Btu/h	11,800
	Heating Maximum Capacity (5°F)	Btu/h	10,200
	Heating Cap. Range Min - Max	Btu/h	1,800~12,500
	HSPF		10.8
	COP (47°F)	W/W	2.93
	COP (17°F)	W/W	1.80
COP (5°F)	W/W	1.79	
<b>Ducted</b>	Indoor Model		40MBDQ09---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	9,000
	Cooling Cap. Range Min - Max	Btu/h	2,400~12,500
	SEER		23.0
	EER		14
	Heating Rated Capacity (47°F)	Btu/h	10,000
	Heating Rated Capacity (17°F)	Btu/h	6,450
	Heating Maximum Capacity (17°F)	Btu/h	11,600
	Heating Maximum Capacity (5°F)	Btu/h	9,900
	Heating Cap. Range Min - Max	Btu/h	1,700~15,600
	HSPF		12.0
	COP (47°F)	W/W	3.62
	COP (17°F)	W/W	1.90
COP (5°F)	W/W	1.78	

# Construction View

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