

# Outdoor Unit Single Zone Heat Pump Ductless System



Outdoor Model: 38MARBQ12AA3

## Submittal Data

Turn to the experts

Job Data:

Location:

Buyer:  Buyer P.O. #:

Carrier #:

Unit #:

Model #:

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	38MARBQ12AA3	
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)
	Total Piping Length	ft (m)	82 (25)
Piping	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)	2.6 (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
Outdoor	Rated Current	RLA	8.5
	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)	73.63 (33.4)
	Airflow	CFM	1,324
	Sound Pressure	dB(A)	56.0

# Ductless Unit Performance

High Wall	Indoor Model		40MAHBQ12XA3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	3,300~14,300
	SEER		25.5
	EER		14
	Heating Rated Capacity (47°F)	Btu/h	12,000
	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	12,000
	Heating Cap. Range Min - Max	Btu/h	5,000~15,300
	HSPF		13.0
	COP (47°F)	W/W	3.81
	COP (17°F)	W/W	3.00
	COP (5°F)	W/W	1.75
Cassette	Indoor Model		40MBCQ12---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	3,000~13,700
	SEER		21.5
	EER		12.7
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,250
	Heating Maximum Capacity (17°F)	Btu/h	14,000
	Heating Maximum Capacity (5°F)	Btu/h	11,500
	Heating Cap. Range Min - Max	Btu/h	2,000~15,300
	HSPF		10.6
	COP (47°F)	W/W	3.22
	COP (17°F)	W/W	2.20
	COP (5°F)	W/W	1.86
Ducted	Indoor Model		40MBDQ12---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	2,250~14,400
	SEER		21.5
	EER		13
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,350
	Heating Maximum Capacity (17°F)	Btu/h	12,900
	Heating Maximum Capacity (5°F)	Btu/h	12,400
	Heating Cap. Range Min - Max	Btu/h	1,800~16,300
	HSPF		11.5
	COP (47°F)	W/W	3.52
	COP (17°F)	W/W	2.00
	COP (5°F)	W/W	1.87
Console	Indoor Model		40MBAAQ24XA3
	Energy Star		#N/A
	Cooling Rated Capacity	Btu/h	12,000
	Cooling Cap. Range Min - Max	Btu/h	2,800~13,500
	SEER		23.0
	EER		13
	Heating Rated Capacity (47°F)	Btu/h	12,000
	Heating Rated Capacity (17°F)	Btu/h	8,400
	Heating Maximum Capacity (17°F)	Btu/h	13,100
	Heating Maximum Capacity (5°F)	Btu/h	12,100
	Heating Cap. Range Min - Max	Btu/h	2,350~15,700
	HSPF		11.5
	COP (47°F)	W/W	3.22
	COP (17°F)	W/W	2.00
	COP (5°F)	W/W	1.84

# Construction View

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