

# Outdoor Unit Single Zone Heat Pump Ductless System



Outdoor Model: 38MARBQ24AA3

## 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	24	
	Outdoor Model	38MARBQ24AA3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	MCA	A.	25
	MOCP - Fuse Rating	A.	35
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)	164 (50)
	Piping Lift	ft (m)	82 (25)
	Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8 (16)
Refrigerant	Refrigerant Type	R410A	
	Metering Device	EEV	
	Charge	lbs (kg)	5.73 (2.6)

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

Outdoor Coil	Face Area	Sq. Ft.	8.2
	No. Rows	2	
	Fins per inch	20	
	Circuits	4	
Compressor	Type	Rotary Inverter	
	Model	KTM240D43UKT	
	Oil Type	VG74	
	Oil Charge	Fl. Oz.	21.0
Outdoor	Rated Current	RLA	14.8
	Unit Width	in (mm)	37.24 (946)
	Unit Height	in (mm)	34.84 (885)
	Unit Depth	in (mm)	16.14 (410)
	Net Weight	lbs (kg)	134.48 (61)
	Airflow	CFM	2,235
	Sound Pressure	dB(A)	62.0

## Performance

High Wall	Indoor Model		40MAHBQ24XA3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	24,000
	Cooling Cap. Range Min - Max	Btu/h	6,850~27,000
	SEER		21.5
	EER		13
	Heating Rated Capacity (47°F)	Btu/h	29,000
	Heating Rated Capacity (17°F)	Btu/h	19,800
	Heating Maximum Capacity (17°F)	Btu/h	24,480
	Heating Maximum Capacity (5°F)	Btu/h	25,400
	Heating Cap. Range Min - Max	Btu/h	8,600~31,000
	HSPF		12.0
	COP (47°F)	W/W	3.40
	COP (17°F)	W/W	3.05
	COP (5°F)	W/W	1.75
Cassette	Indoor Model		40MBCQ24---3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	24,000
	Cooling Cap. Range Min - Max	Btu/h	8,000~25,000
	SEER		20.0
	EER		11
	Heating Rated Capacity (47°F)	Btu/h	24,000
	Heating Rated Capacity (17°F)	Btu/h	15,100
	Heating Maximum Capacity (17°F)	Btu/h	24,200
	Heating Maximum Capacity (5°F)	Btu/h	24,100
	Heating Cap. Range Min - Max	Btu/h	11,840~27,000
	HSPF		11.6
	COP (47°F)	W/W	3.50
	COP (17°F)	W/W	2.70
	COP (5°F)	W/W	1.75
Ducted	Indoor Model		40MBDQ24---3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	24,000
	Cooling Cap. Range Min - Max	Btu/h	6,500~27,800
	SEER		20.6
	EER		12.5
	Heating Rated Capacity (47°F)	Btu/h	24,600
	Heating Rated Capacity (17°F)	Btu/h	16,500
	Heating Maximum Capacity (17°F)	Btu/h	26,500
	Heating Maximum Capacity (5°F)	Btu/h	24,600
	Heating Cap. Range Min - Max	Btu/h	12,200~32,200
	HSPF		12.6
	COP (47°F)	W/W	3.66
	COP (17°F)	W/W	2.80
	COP (5°F)	W/W	2.01
Console	Indoor Model		40MBFQ24---3
	Energy Star		NO
	Cooling Rated Capacity	Btu/h	24,000
	Cooling Cap. Range Min - Max	Btu/h	9,000~26,800
	SEER		20.2
	EER		11.5
	Heating Rated Capacity (47°F)	Btu/h	24,600
	Heating Rated Capacity (17°F)	Btu/h	15,240
	Heating Maximum Capacity (17°F)	Btu/h	26,661
	Heating Maximum Capacity (5°F)	Btu/h	24,100
	Heating Cap. Range Min - Max	Btu/h	12,500~30,500
	HSPF		11.6
	COP (47°F)	W/W	3.52
	COP (17°F)	W/W	2.70
	COP (5°F)	W/W	1.76
Air Handler	Indoor Model		40MBAAQ24XA3
	Energy Star		YES
	Cooling Rated Capacity	Btu/h	24000
	Cooling Cap. Range Min - Max	Btu/h	7,500~26,000
	SEER		20
	EER		13
	Heating Rated Capacity (47°F)	Btu/h	27000
	Heating Rated Capacity (17°F)	Btu/h	16500
	Heating Maximum Capacity (17°F)	Btu/h	25000
	Heating Maximum Capacity (5°F)	Btu/h	22000
	Heating Cap. Range Min - Max	Btu/h	5,600~31,000
	HSPF		12
	COP (47°F)	W/W	4
	COP (17°F)	W/W	3
	COP (5°F)	W/W	2

# Construction View

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