

PERFORMANCE™ SERIES
40MBAB AIR HANDLER



A Unique Indoor Unit that Offers Extremely Easy Maintenance

FEATURES

- Modes: Cool, Heat, Dry, Fan, Auto
- 4-way installation (Up flow, Down flow, Right, Left)
- New aluminum coil
- Automatic Airflow Technology with static pressure up to 0.8 inWG
- Less than 2% air leakage
- Easy maintenance
- Quiet indoor operation
- Anti-corrosive fin coating

COMPATIBLE WITH:

- 38MARB Single Zone Outdoor Unit
- 38MGHB Multi-Zone Outdoor Unit
- 38MGRB Multi-Zone Outdoor Unit

Performance
SERIES

Size: 18 / 24 / 30 / 36

Select sizes are ENERGY STAR® certified based on indoor pairings

KEY FEATURES

Unmatched Maintenance Simplicity

With a top panel and an indoor coil that can be easily removed, get faster access to the core parts of the unit needed for service. You only need to remove two screws!

Less Complex Electronics

Having only two integrated printed circuit boards means the electronic components are less complicated. One is the main control board, and the other is the function board for the 24V Interface, dip switch, wired controller and LED display.

Easier Access to Electric Heater

This single-piece construction enables easy installation and maintenance.

Modular Slide Design

The indoor coil can be easily pulled out through the slide track for quick and easy maintenance.

CONTROLS

Wireless Remote Controller included with indoor unit

24V Interface for third party thermostat compatibility built-in

WARRANTY

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:

40MBAB Air Handler					
Heat Pump					
System					
Size		18	24	30	36
Indoor Model		40MBABQ18XB3	40MBABQ24XB3	40MBABQ30XB3	40MBABQ36XB3
Electrical					
Voltage-Phase-Cycle	V-Ph-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Power Supply		Indoor unit powered from outdoor unit			
MCA	A.	3	4	4.5	5
Controls					
Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard	Standard
Wired Remote Controller (° F/° C Convertible)		Standard	Standard	Standard	Standard
Operating Range					
Cooling Indoor DB Min - Max	° F (° C)	62~90 (17~32)	60~90 (16~32)	60~90 (16~32)	60~90 (16~32)
Heating Indoor DB Min - Max	° F (° C)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)
Piping					
Pipe Connection Size - Liquid	in (mm)	1/4 (6.35)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
Pipe Connection Size - Suction	in (mm)	1/2 (12.7)	5/8 (16)	5/8 (16)	5/8 (16)
Indoor					
Unit Width	in (mm)	17.5 (445)	17.5 (445)	21 (534)	21 (534)
Unit Height	in (mm)	45 (1143)	45 (1143)	49 (1245)	49 (1245)
Unit Depth	in (mm)	21 (534)	21 (534)	21 (534)	21 (534)
Net Weight	lbs (kg)	106.7 (48.4)	106.7 (48.4)	129.63 (58.8)	129.63 (58.8)
Number of Fan Speeds		4	4	4	4
Airflow (lowest to highest)	CFM	488/529/576/618	629/694/759/824	712/806/894/1088	865/971/1082/1188
Sound Pressure - Cooling (lowest to highest)	dB(A)	35.2/35.7/36.4/37.2	38.2/39.9/41.0/42.5	35.8/38.1/40.4/42.7	41.4/44.0/48.5
Sound Pressure - Heating (lowest to highest)	dB(A)	28.9/30.5/33.6/34.2	32.2/35.8/39.5/40.5	28.1/33.1/39.3/42.4	33.9/39.0/45.1
Max Static Pressure	In.WG.	0.8	0.8	0.8	0.8
Field Drain Pipe Size O.D.	in (mm)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)	3/4 (19.1)

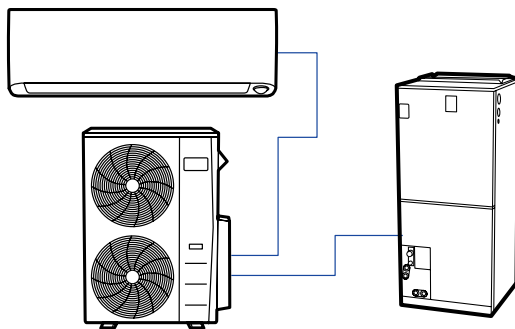
*Performance may vary based on the compatible outdoor units. See respective pages for performance data.

COMPATIBILITY:

Indoor Unit	40MBABQ18XB3	40MBABQ24XB3	40MBABQ30XB3	40MBABQ36XB3
Outdoor Unit Single Zone	38MARBQ18AA3	38MARBQ24AA3	38MARBQ30AA3	38MARBQ36AB3
Outdoor Unit Multi-Zone	38MGHBQ24CA3			
	38MGHBQ30DA3	38MGHBQ30DA3		
	38MGRBQ36DA3	38MGRBQ36DA3		
	38MGHBQ36DA3	38MGHBQ36DA3		
	38MGRBQ48EA3	38MGRBQ48EA3	38MGRBQ48EA3	38MGRBQ48EA3
	38MGHBQ48EA3	38MGHBQ48EA3	38MGHBQ48EA3	38MGHBQ48EA3

Manufacturer reserves the right to discontinue, or change at any time, specification or designs without notice or incurring obligations.

Multi-Zone configuration:



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