

40MBAA Air Handler

Preferred™ Series



INDOOR FEATURES

- Modes: Cool, Heat, Dry, Fan, Auto
- Up to 20.0 SEER and 10.4 HSPF based on outdoor unit pairing
- Multi Poise Installation (Up Flow, Down Flow, Horizontal Right, Horizontal Left)
- Total system static pressure up to 0.8 in. W.C.
- Less than 2% air leakage
- Quiet indoor operation
- Built-in third-party thermostat compatibility
- Anti-corrosive fin coating
- Extreme heating operation in as low as -22° F (-30° C) based on outdoor unit pairing
- Optional Electric Heat Packages available (5,10,15 and 20 KW)

COMPATIBLE WITH

- 38MA*R Outdoor Unit Single Zone
- 38MGR Outdoor Unit Multi-Zone
- 38MBRB Outdoor Unit Single Zone

Preferred™
SERIES



Sizes: 24 / 36 / 48

Select sizes are ENERGY STAR® certified based on outdoor unit pairing



KEY FEATURES

Maximum Flexibility

Easily connect with traditional ducted systems or replace outdated gas furnaces while still enjoying the benefits that ductless systems provide. Additionally, you can install the unit in four different positions for maximum flexibility within any space.

Multi-Zone Compatibility

The size 24 Air Handler can connect to select multi-zone outdoor units to create one integrated system, enabling unique zoned comfort and efficiency.

High Efficiency

Replace gas furnaces to reduce the use of fossil fuels and experience cleaner energy and efficiency levels that meet many local and federal requirements.

CONTROLS

Factory installed 24V interface for third-party thermostat compatibility*

Wireless Remote Controller included

ACCESSORIES

Electric Heat Packages Electric Heater Kits EHKMA05KN, EHKMA10KN, EHKMA15KN, EHKMA20KN

Only Size 24 is available for multi-zone applications.

*24V Interface: See installation instructions for details

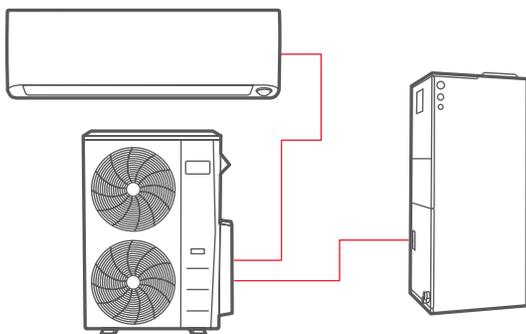
SPECIFICATIONS

40MBAA Air Handler				
Heat Pump System				
Size		24	36	48
Indoor Model		40MBAAQ24XA3	40MBAAQ36XA3	40MBAAQ48XA3
Electrical				
Voltage-Phase-Cycle	V-Ph-Hz	208/230-1-60	208/230-1-60	208/230-1-60
Power Supply		Indoor Unit Powered From Outdoor Unit		
MCA	A.	5	5	5
Controls				
Wireless Remote Controller (° F/° C Convertible)		Standard	Standard	Standard
Third-Party Thermostat Compatibility		Standard	Standard	Standard
Operating Range				
Cooling Indoor DB Min - Max	° F (° C)	62~90 (17~32)	62~90 (17~32)	62~90 (17~32)
Heating Indoor DB Min - Max	° F (° C)	32~86 (0~30)	32~86 (0~30)	32~86 (0~30)
Piping				
Pipe Connection Size - Liquid	in (mm)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
Pipe Connection Size - Suction	in (mm)	5/8 (16)	5/8 (16)	5/8 (16)
Indoor				
Unit Width	in (mm)	19.6 (498)	19.6 (498)	19.6 (498)
Unit Height	in (mm)	48.8 (1,240)	48.8 (1,240)	48.8 (1,240)
Unit Depth	in (mm)	21.0 (533)	21.0 (533)	21.0 (533)
Net Weight	lbs (kg)	141.1 (64)	144.8 (65.7)	144.8 (65.7)
Number of Fan Speeds		4	4	4
Airflow (lowest to highest)	CFM	588/765/882	824/1,000/1,176	1,176/1,294/1,412
Sound Pressure - Cooling (lowest to highest)	dB(A)	37.2/40.4/43/45.2	37.2/40.4/43/45.2	37.2/40.4/43/45.2
Sound Pressure - Heating (lowest to highest)		35.8/38.7/41.7	37.9/43/46.5/48	50/51.9/53.9/54.9
Max Static Pressure	in W.C.	0.80	0.80	0.80
Field Drain Pipe Size O.D.	in (mm)	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	Outdoor Unit Single Zone			Outdoor Unit Multi-Zone		
	38MAQB24R--3	38MBRBQ36AA3	38MBRBQ48AA3	38MGRQ30D--3	38MGRQ36D--3	38MGRQ48E--3
40MBAAQ24XA3	•			•	•	•
40MBAAQ36XA3		•				
40MBAAQ48XA3			•			



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

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