

40MPHA High Wall

High Wall Indoor Unit

Sizes: 18/24

ENERGY STAR® certified based on outdoor unit pairing

Features:

- Available in 208/230V
- Modes: Cool, Heat, Dry, Fan, Auto
- Turbo Mode
- Fully modulating fan speeds
- Sleep Mode
- Up-down/right-left louver control (fixed or swing)
- **Relative Humidity Sensor**
- **Wi-Fi® Built-in**
- ECO Mode
- Carbon Filter
- *Follow Me* (senses temperature at handheld remote)
- Heating Setback (46°F Heating Mode)
- Quiet indoor operation
- Aluminum golden hydrophilic pre-coated fins

Accessories:

- Condensate Pump (230V optional)
- 24V Interface for third-party thermostat compatibility (Optional)

Compatible with:

- 38MPRA Outdoor Unit Single Zone



Wi-Fi® is a registered trademark of the Wi-Fi Alliance Corporation.



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At 28.2 SEER, when paired with its outdoor single-zone counterpart 38MPRA, there's nothing more efficient¹. The High Wall is a flexible solution for large residential applications and light commercial applications where more airflow or load is necessary, such as basements, garages, restaurants, offices or IT server rooms. The 40MPHA indoor unit features either built-in Wi-Fi® that gives you control anywhere Wi-Fi is available or compatibility with third-party thermostats when the 24V Interface is installed. The High Wall also offers a Relative Humidity Sensor to customize the humidity level for more comfortable air.

Key Features:

Relative Humidity Sensor

Increasing comfort customizing the relative humidity in 5% increments in a range of 35%~85%

Controls

Built-in Wi-Fi to control unit anywhere, anytime

Wireless Remote Controller included with indoor unit



Wired Remote Controller KSACN0401AAA (7-Day Programmable) (Optional)



Optional
Wired Controller
(7-Day Programmable)
KSACN0401AAA



Wireless
Remote
Controller

INFINITY SERIES

¹ According to system ratings maintained by AHRI as of March 26, 2019, in accordance with the AHRI Unitary Small Equipment Operations Manual. The 18,000 Btu/h single-zone ductless has a 28.2 SEER Rating.

40MPHA High Wall

HEAT PUMP				
Size		18	24	
System	Indoor Model	40MPHAQ18XA3	40MPHAQ24XA3	
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60
	Power Supply	Indoor unit powered from outdoor unit		
	MCA	A.	0.5	0.5
Controls	Wireless Remote Controller (°F/°C Convertible)	Standard	Standard	
	Wired Remote Controller (°F/°C Convertible)	Optional	Optional	
Operating Range	Cooling Indoor DB Min-Max	°F (°C)	62~90 (17~32)	62~90 (17~32)
	Heating Indoor DB Min-Max	°F (°C)	32~86 (0~30)	32~86 (0~30)
Piping	Pipe Connection Size - Liquid	in (mm)	3/8" (9.52)	3/8" (9.52)
	Pipe Connection Size - Suction	in (mm)	5/8" (15.9)	5/8" (15.9)
Indoor	Unit Width	in (mm)	49.57 (1,259)	49.57 (1,259)
	Unit Height	in (mm)	14.25 (362)	14.25 (362)
	Unit Depth	in (mm)	11.10 (282)	11.10 (282)
	Net Weight	lbs (kg)	43.4 (19.7)	43.4 (19.7)
	Number of Fan Speeds		4	4
	Airflow (lowest to highest)	CFM	261/389/528/926	359/470/583/926
	Sound Pressure (lowest to highest)	dB(A)	35.1/40.8/46.1/55.9	36.1/43.3/46.4/56.5
	Air throw Data	ft (m)	28.80 (8.7)	31.66 (9.65)
	Moisture removal	Pint/h (L/h)	3.8 (1.8)	5.0 (2.39)
	Field Drain Pipe Size O.D.	in (mm)	1 (25.4)	1 (25.4)

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

Compatibility Table		
Indoor Unit	40MPHAQ18XA3	40MPHAQ24XA3
Outdoor Unit Single Zone	38MPRAQ18AA3	38MPRAQ24AA3

Indoor units sizes 18-24 not compatible with multi-zone 38MGR due to size of the indoor unit coil.



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