



# Infinity® High Wall Indoor Unit

## FEATURES

- Available in 208/230V
- **Relative Humidity Sensor**
- **Intelligent Eye**
- Up to 42.0 SEER and 15.0 HSPF when paired with 38MPRA outdoor unit
- Modes: Cool, Heat, Dry, Fan, Auto
- Turbo Mode
- Fully modulating fan speeds
- Sleep Mode
- Up-down / right-left louver control (fixed or swing)
- ECO Mode
- Carbon filter
- Follow Me (senses temperature at handheld remote)
- Heating Setback (46° F Heating Mode)
- Quiet indoor operation, as low as 29 dB(A)
- Anti-corrosive fin coating

## COMPATIBLE WITH:

- 38MPRA Outdoor Unit Single Zone
- 38MGR Outdoor Unit Multi-Zone

INFINITY *SERIES*



Sizes: 09 / 12

ENERGY STAR® certified based on outdoor unit pairing



## KEY FEATURES

At 42 SEER, there's nothing more efficient<sup>1</sup> when paired with its outdoor single zone counterpart 38MPRA. The High Wall is flexible to fit any application from 38MPRA single zone to the 38MGR multi-zone system. Talk about controllability, the new 40MPHA indoor unit features either built-in Wi-Fi® that gives you control from virtually anywhere 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 and an occupancy sensor that senses a person in a room and can direct airflow either toward or away from that person.

## CONTROLS

Built-in Wi-Fi® to control unit anywhere, anytime  
Wireless Remote Controller included with indoor unit  
Optional Wired Remote Controller KSACN0401AAA  
(7-Day programmable)



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



**Wireless  
Remote  
Controller**

## ACCESSORIES

Condensate Pump (230V optional)

Insulated 25' Lineset

24V Interface for compatibility with conventional thermostat

<sup>1</sup> According to system ratings maintained by AHRI as of January 22, 2018, in accordance with the AHRI Unitary Small Equipment Operations Manual. The 9,000 Btu/h single zone ductless has a 42 SEER Rating.

**SPECIFICATIONS:**

40MPHA High Wall			
Heat Pump			
System			
Size		9	12
Indoor Model		40MPHAQ09XA3	40MPHAQ12XA3
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	0.3	0.3
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)	1/4 (6.35)	1/4 (6.35)
Pipe Connection Size - Suction	in (mm)	3/8 (9.52)	1/2 (12.7)
Indoor			
Unit Width	in (mm)	35.2 (895)	35.2 (895)
Unit Height	in (mm)	11.7 (298)	11.7 (298)
Unit Depth	in (mm)	9.8 (248)	9.8 (248)
Net Weight	lb (kg)	37.48 (17)	37.48 (17)
Number of Fan Speeds		4	4
Airflow (lowest to highest)	cfm	144/245/295/345	168/252/306/357
Sound Pressure (lowest to highest)	dB(A)	29/35.5/41.5/45.6	29/35.5/41.5/46.8
Air Throw Data	ft (m)	21.98 (6.7)	22.97 (7)
Moisture Removal	Pint/h (L/h)	2.11 (1.0)	2.53 (1.2)
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:**

Indoor Unit	40MPHAQ09XA3	40MPHAQ12XA3
Outdoor Unit Single Zone*	38MPRAQ09AA3	38MPRAQ12AA3
Outdoor Unit Multi-zone*	38MGRQ18B--3 38MGRQ24C--3 38MGRQ30D--3 38MGRQ36D--3 38MGRQ48E--3	

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

Visit our website at [carrierductless.com](http://carrierductless.com)

