PERFORMANCE DUCTLESS HIGH WALL

Performance™ Series high wall units offer that perfect balance between budget limits you may have today and your desire for energy savings and comfort options. The 45MAHAQ High Wall indoor unit can be matched with either 37MAHAQ/37MARAQ heat pumps as part of a single zone system or matched with the 37MGHAQ/37MGRAQ heat pumps as part of a multi-zone system.

Product Features and Benefits

Efficiency

- Up to 27.5 SEER2 and Up to 14.8 HSPF2 when paired with the 37MAHAQ heat pump
- 24k High Wall delivers a COP up to 2.88 at 17°F when paired with a 37MAHAQ heat pump
- 36k size can remove moisture from the air at a rate as high as 4.6 L/h

Performance

- Silent mode indoor operation as low as 17.5 dB(A)
- New 33k high wall offers a heating capacity range of 19,000~40,000 Btu/h when paired with the 37MAHAQ heat pump
- Max indoor heating 32°-86°F (0°-30°C)
- Max indoor cooling 60°~90°F (16°~32°C)

Installation

- When installing single zone systems, capacity of the high wall and heat pump must match.
- 12k high wall is available for 115V and 208/230V applications
- Built in bubble level on mounting plate
- Four available options for exit direction of piping



45MAHAQ

Puron Models		Puron Advance Models	
40MAHBQ	High Wall	45MAHAQ	High Wall

INDOOR UNIT	PERFORMANCE SERIES MULTIZONE HEAT PUMPS				
	37MGRAQ18CA3	37MGRAQ24DA3	37MGRAQ30EA3 37MGRAQ36EA3	37MGRAQ48FA3	37MGRAQ55FA3
45MAHAQ06XA3	•	•	•	•	•
45MAHAQ09XA3	•	•	•	•	•
45MAHAQ12XA3	•	•	•	•	•
45MAHAQ18XA3	•	•	•	•	•
45MAHAQ24XA3		•	•	•	•
45MAHAQ30XA3			•	•	•
45MAHAQ33XA3				•	•
45MAHAQ36XA3				•	•

INDOOR UNIT	INFINITY SYSTEM MULTIZONE HEAT PUMPS				
	37MGHAQ18CA3	37MGHAQ24DA3	37MGHAQ30EA3 37MGHAQ36EA3	37MGHAQ48FA3	37MGHAQ55FA3
45MAHAQ06XA3	•	•	•	•	•
45MAHAQ09XA3	•	•	•	•	•
45MAHAQ12XA3	•	•	•	•	•
45MAHAQ18XA3	•	•	•	•	•
45MAHAQ24XA3	•	•	•	•	•
45MAHAQ30XA3		•	•	•	•
45MAHAQ33XA3			•	•	•
45MAHAQ36XA3			•	•	•

Certifications & Credits*

- Most high wall / heat pump combinations quality for Energy Star.
- All high wall/ 37MAHAQ heat pump combinations qualify for CEE

Carrier Choice Warranty

- With timely registration, the homeowner can choose between a 10-year parts-only warranty OR a 5-year parts + 3-year labor warranty on eligible Carrier branded equipment.

System Sustainability

- Only supports Puron Advance as refrigerant
- Indoor units equipped with refrigerant detection sensor

The Carrier Difference

When you choose Carrier® ductless equipment, you're choosing enhanced dependability and innovation in home comfort. We are proud to give you the latest in engineering and technology. We take pride in surpassing your expectations and delivering quality you can feel.

Dimensions

Model Number	Height - in. (mm)	Width - in. (mm)	Depth - in. (mm)	Liquid Line - in. (mm)	Suction Line - in. (mm)
45MAHAQ12XA1	11.61(295)	31.30(795)	8.86(225)	1/4 (6.35)	3/8 (9.52)
45MAHAQ06XA3	11.61(295)	31.30(795)	8.86(225)	1/4 (6.35)	3/8 (9.52)
45MAHAQ09XA3	11.61(295)	31.30(795)	8.86(225)	1/4 (6.35)	3/8 (9.52)
45MAHAQ12XA3	11.61(295)	31.30(795)	8.86(225)	1/4 (6.35)	3/8 (9.52)
45MAHAQ18XA3	12.56(319)	37.99(965)	9.41(239)	1/4 (6.35)	1/2 (12.7)
45MAHAQ24XA3	14.57(370)	44.88(1140)	10.83(275)	3/8 (9.52)	5/8 (15.9)
45MAHAQ30XA3	14.57(370)	44.88(1140)	10.83(275)	3/8 (9.52)	3/4 (19)
45MAHAQ33XA3	14.57(370)	44.88(1140)	10.83(275)	3/8 (9.52)	3/4 (19)
45MAHAQ36XA3	14.57(370)	44.88(1140)	10.83(275)	3/8 (9.52)	3/4 (19)

Applications for High Wall

- **GARAGE APARTMENTS**
- **ASSISTED LIVING FACILITIES**
- **RETROFITS W/ RADIANT HEAT**
- **SCHOOLS**
- **RESTAURANTS**
- **CONVERSIONS**

Key Service Features

Puron Advance

Carrier remains committed to providing the best HVAC solutions to support new regulator requirements. After extensive tests and evaluation, we have identified Puron Advance as our primary lower Global Warming Potential (GWP) solution to replace Puron in all our ductless residential and light commercial solutions sold in North America.

Simplified Maintenance

Single screw access allows for blower fan to be removed easily. Additionally the 45MAHAQ high wall comes with a built in kick stand for easy access to refrigerant piping behind the unit

Accessories

A. Non-programmable wired remote control (KSACN1201AAA)
B. Programmable wired remote control (KSACN1401AAA)
C. Wireless controller







* Check AHRI Ratings for full certifications and combination ratings with compatible heat pumps
** Timely registration required for Carrier Choice warranty. Limited warranty period is five years for parts if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration. Please see warranty certificate for further details and restrictions

Manufacturer reserves the right to change, at any time, specifications and designs without notice and without obligations.

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