



LEGACY™ SERIES SINGLE ZONE DUCTLESS HEAT PUMPS

The Legacy™ series ductless heat pump lives up to the name, quickly getting up to speed to provide responsive heating and cooling. The highest efficiency model in this series, it's the ideal solution for affordable, space-saving comfort. Properly matched with a Bryant high wall indoor unit, the 37MHRAQ heat pump can make all the difference in a room addition, converted space, or anywhere your ducted system leaves you less than comfortable.

Features and Benefits

Efficiency

- Up to 22.4 SEER2 and Up to 9.4 HSPF2 when paired with the 37MHRAQ Heat Pump with the 45MHHAQ High Wall
- 37MHRAQ has a max EER2 of 12.6 and 37MHRAC has an EER2 up to 12.5
- 37MHRAQ 3-ton heat pump has a max heating capacity of 44,000 Btu/h

Performance

- 37MHRAQ residential heat pump operates at sounds as low as 53 dB(A) and 37MHRAC residential air conditioner as low as 52 dB(A)
- 45MHHAQ high wall operates at sound levels as low as 18.5 dB(A) in silent mode

Installation

- High walls are powered by outdoor units
- 45MHHAC & 45MHHAQ high wall indoor units will only support Puron Advance as refrigerant, it will not have dissipation sensor included
- 2-Ton 37MHRAQ & 37MHRAC outdoor units have a max piping length of 164 ft.



45MHHAQ



37MHRAQ
(12k size shown)

Puron Models			Puron Advance Models		
Legacy	38MHRCQ	Heat Pump	Legacy	37MHRAQ	Heat Pump
	38MHRDC	A/C Outdoor Unit		37MHRAC	A/C Outdoor Unit
	40MHHAC	Cooling Only High Wall		45MHHAC	Cooling Only High Wall
	40MHHAQ	High Wall		45MHHAQ	High Wall

Flexibility for Dealers and Peace of Mind for Homeowners

Controller Compatibility

- Wireless controller included with high walls
- Optional programmable and non-programmable wired controllers available

Limited 10 Year Parts Warranty

- Upon timely registration, ductless units are covered by a 10-year parts limited warranty. If not registered within 90 days, the warranty period is five years.*

System Sustainability

- Only supports Puron Advance as refrigerant

The Bryant Difference

When you choose Bryant® 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.

Applications for Legacy Ductless Systems



GARAGE



ADD-ONS



SPACES WITH
RADIANT HEAT

Heat Pump Dimensions

Outdoor Unit	Dimensions (LxWxD) (in.)	Weight (lbs.)	Vapor Line (in.)	Liquid Line (in.)
37MHRAQ09AA1	21.85 x 30.12 x 11.93	56.66	3/8	1/4
37MHRAQ12AA1	21.85 x 30.12 x 11.93	61.29	3/8	1/4
37MHRAQ09AA3	21.85 x 30.12 x 11.93	54.23	3/8	1/4
37MHRAQ12AA3	21.85 x 30.12 x 11.93	59.08	3/8	1/4
37MHRAQ18AA3	21.81 x 31.69 x 12.99	72.31	1/2	1/4
37MHRAQ24AA3	26.5 x 35.04 x 13.46	94.58	5/8	3/8
37MHRAQ30AA3	31.89 x 37.24 x 16.14	142.86	5/8	3/8
37MHRAQ36AA3	31.89 x 37.24 x 16.14	150.35	5/8	3/8
37MHRAC12AA1	19.49 x 28.35 x 10.63	50.26	3/8	1/4
37MHRAC09AA3	19.49 x 28.35 x 10.63	46.96	3/8	1/4
37MHRAC12AA3	19.49 x 28.35 x 10.63	47.84	3/8	1/4
37MHRAC18AA3	21.85 x 30.12 x 12.99	59.97	1/2	1/4
37MHRAC24AA3	21.81 x 31.69 x 12.99	67.02	5/8	3/8

Combination Ratings

Indoor Unit With Wireless Remote	Outdoor Unit With Base Pan Heater	SEER2	EER2	HSPF2	Max. Line Length	Max. Lift	MCA/ MOCPS	Recommended Fuse Size	Maximum Heating BTU's at 5F [-15C] ¹	Maximum Cooling BTU's at 110F [43C] ²	Maximum Cooling BTU's at 122F [50C] ²
Legacy Series High Wall 1:1 Heat Pump Systems											
45MHHAQ09XC1	37MHRAQ09AA1	21.5	12.5	9.1	82.02'	49.21'	18A / 20A	20A	6,797	8,585	6,128
45MHHAQ12XC1	37MHRAQ12AA1	21.4	10	8.7	82.02'	49.21'	19A / 20A	20A	6,264	9,325	4,917
45MHHAQ09XC3	37MHRAQ09AA3	21.7	12.6	9.4	82.02'	49.21'	12A / 15A	15A	6,459	8,759	6,483
45MHHAQ12XC3	37MHRAQ12AA3	21.4	10.8	9.2	82.02'	49.21'	13A / 15A	15A	7,752	9,427	4,640
45MHHAQ18XC3	37MHRAQ18AA3	20.3	11.5	9.1	98.42'	65.62'	15A / 20A	20A	11,493	14,684	10,539
45MHHAQ24XC3	37MHRAQ24AA3	18.5	9.7	9	164.04'	82.02'	19A / 20A	20A	16,443	19,646	14,260
45MHHAQ30XC3	37MHRAQ30AA3	22.4	12	9	164.04'	82.02'	28A / 30A	30A	19,812	27,299	9,137
45MHHAQ36XC3	37MHRAQ36AA3	19.5	9.4	9.1	213.25'	98.4'	33A / 35A	35A	25,518	25,709	9,943
Legacy Series High Wall 1:1 Air Conditioner Systems											
45MHHAC12XC1	37MHRAC12AA1	21.5	12		82.02'	49.21'	19A / 20A	20A		10,338	5,336
45MHHAC09XC3	37MHRAC09AA3	20.5	12.5		82.02'	49.21'	9.9A / 15A	15A		8,281	6,445
45MHHAC12XC3	37MHRAC12AA3	21	12		82.02'	49.21'	14A / 15A	15A		9,922	6,708
45MHHAC18XC3	37MHRAC18AA3	22.2	11.7		98.42'	65.62'	16A / 20A	20A		14,835	8,080
45MHHAC24XC3	37MHRAC24AA3	21.1	10.2		164.04'	82.02'	19A / 20A	20A		18,764	14,397

¹ Maximum heating capacities tested at indoor dry bulb temperature of 70F (21.1C) and at maximum airflow.

² Maximum cooling capacities tested at indoor dry bulb temperature of 80F (26.7C) and at maximum airflow.

* 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.