

38MHRB Outdoor Unit

Cooling Only: 38MHRBC Heat Pump: 38MHRBQ with Basepan Heater

Inverter Compressor

Up to 19.8 SEER

10.6 HSPF

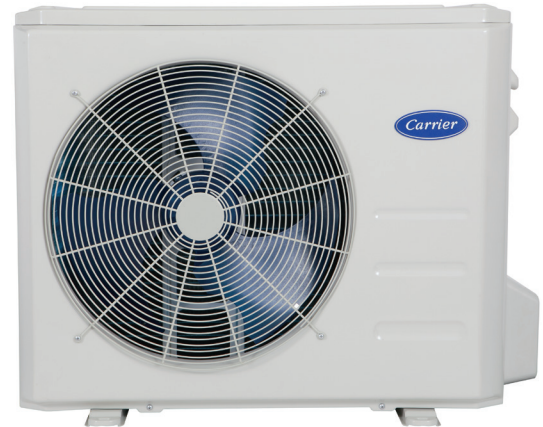
Sizes: 09 / 12 / 18 / 24

Outdoor Features:

- Cost-competitive
- Available in 115V and 208/230V
- Built-in basepan heater on Heat Pump units
- Auto-restart function
- Refrigerant leakage detection
- Quiet outdoor operation, as low as 52 dB(A)
- Aluminum Golden Hydrophilic pre-coated fins
- Piping length 82 ~ 164 ft. (25-50 m)
- Cooling operating range 0° ~ 122°F (-17° ~ 50°C)
- Heating operating range 0° ~ 86°F (-17° ~ 30°C)

Compatible with:

- 40MHHC High Wall Cooling Only
- 40MHHQ High Wall Heat Pump



KEY FEATURES

Cost-Effective

An economical choice that can provide comfort when you need it.

Rapid Cooling & Heating

After start-up, the compressor quickly gets up to maximum speed, cooling or heating the room in minutes.

Comfort
SERIES

| COOLING ONLY | | | | | | |
|------------------------|--------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|
| Size | | 12 | 12 | 18 | 24 | |
| System | Outdoor Model | 38MHRBC12AA1 | 38MHRBC12AA3 | 38MHRBC18AA3 | 38MHRBC24AA3 | |
| Electrical | Voltage, Phase, Cycle | V/Ph/Hz | 115-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 |
| | MCA | A. | 13 | 11 | 15 | 18 |
| | MOCP - Fuse Rating | A. | 20 | 15 | 20 | 25 |
| Operating Range | Cooling Outdoor DB Min - Max | °F (°C) | 0~122 (-17~50) | 0~122 (-17~50) | 0~122 (-17~50) | 0~122 (-17~50) |
| Piping | Total Piping Length | ft (m) | 82 (25) | 82 (25) | 98 (30) | 164 (50) |
| | Piping Lift* | ft (m) | 33 (10) | 33 (10) | 66 (20) | 66 (20) |
| | Pipe Connection Size - Liquid | in (mm) | 1/4 (6.35) | 1/4 (6.35) | 1/4 (6.35) | 3/8 (9.52) |
| | Pipe Connection Size - Suction | in (mm) | 1/2 (12.7) | 1/2 (12.7) | 1/2 (12.7) | 5/8 (16) |
| Refrigerant | Type | | R410A | R410A | R410A | R410A |
| | Charge | lbs (kg) | 1.30 (0.59) | 1.17 (0.53) | 1.98 (0.90) | 2.56 (1.16) |
| Compressor | Type | | Rotary Inverter | Rotary Inverter | Rotary Inverter | Rotary Inverter |
| Outdoor | Unit Width | in (mm) | 30.31 (770) | 30.31 (770) | 30.31 (770) | 33.27 (845) |
| | Unit Height | in (mm) | 21.85 (555) | 21.85 (555) | 21.85 (555) | 27.64 (702) |
| | Unit Depth | in (mm) | 11.81 (300) | 11.81 (300) | 11.81 (300) | 14.29 (363) |
| | Net Weight | lbs (kg) | 57.8 (26.2) | 53.8 (24.4) | 65.9 (29.9) | 88.6 (40.2) |
| | Airflow | CFM | 1,170 | 1,230 | 1,195 | 1,825 |
| | Sound Pressure | dB(A) | 52.0 | 53.6 | 55.3 | 58.0 |

* Condensing unit above or indoor unit

| Compatibility Table | | | | | | |
|---------------------|--------------|--------------|--------------|--------------|--------------|--|
| INDOOR UNIT | | 38MHRBC12AA1 | 38MHRBC12AA3 | 38MHRBC18AA3 | 38MHRBC24AA3 | |
| High Wall | 40MHHC12---1 | • | | | | |
| | 40MHHC12---3 | | • | | | |
| | 40MHHC18---3 | | | • | | |
| | 40MHHC24---3 | | | | • | |

| Performance | | | | | | |
|------------------|------------------------------|--------------|--------------|--------------|--------------|--------------|
| INDOOR MODEL | | 40MHHC12---1 | 40MHHC12---3 | 40MHHC18---3 | 40MHHC24---3 | |
| High Wall | Energy Star | | No | No | No | No |
| | Cooling System Tons | | 1.0 | 1.0 | 1.4 | 1.8 |
| | Cooling Rated Capacity | Btu/h | 12,000 | 11,500 | 17,000 | 22,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 4,800~13,200 | 4,800~13,000 | 5,800~18,600 | 4,900~24,100 |
| | SEER | | 17.3 | 19.0 | 19.0 | 18.5 |
| | EER | | 10.7 | 11.2 | 10.3 | 11.1 |

38MHRB Outdoor Unit



| | | HEAT PUMP | | | | | |
|-----------------|--------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Size | | 12 | 9 | 12 | 18 | 24 | |
| System | Outdoor Model | 38MHRBQ12AA1 | 38MHRBQ09AA3 | 38MHRBQ12AA3 | 38MHRBQ18AA3 | 38MHRBQ24AA3 | |
| Electrical | Voltage, Phase, Cycle | V/Ph/Hz | 115-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 |
| | MCA | A. | 13 | 8 | 10 | 15 | 18 |
| | MOCP - Fuse Rating | A. | 20 | 15 | 15 | 20 | 25 |
| Operating Range | Cooling Outdoor DB Min - Max | °F (°C) | 0~122 (-17~50) | 0~122 (-17~50) | 0~122 (-17~50) | 0~122 (-17~50) | 0~122 (-17~50) |
| | Heating Outdoor DB Min - Max | °F (°C) | 0~86 (-17~30) | 0~86 (-17~30) | 0~86 (-17~30) | 0~86 (-17~30) | 0~86 (-17~30) |
| Piping | Total Piping Length | ft (m) | 82 (25) | 82 (25) | 82 (25) | 98 (30) | 164 (50) |
| | Piping Lift* | ft (m) | 33 (10) | 33 (10) | 33 (10) | 66 (20) | 66 (20) |
| | Pipe Connection Size - Liquid | in (mm) | 1/4 (6.35) | 1/4 (6.35) | 1/4 (6.35) | 1/4 (6.35) | 3/8 (9.52) |
| | Pipe Connection Size - Suction | in (mm) | 1/2 (12.7) | 3/8 (9.52) | 1/2 (12.7) | 1/2 (12.7) | 5/8 (16) |
| Refrigerant | Type | | R410A | R410A | R410A | R410A | R410A |
| | Charge | lbs (kg) | 2.12 (0.96) | 1.76 (0.80) | 2.12 (0.96) | 2.82 (1.28) | 3.97 (1.80) |
| Compressor | Type | | Rotary Inverter | Rotary Inverter | Rotary Inverter | Rotary Inverter | Rotary Inverter |
| Outdoor | Unit Width | in (mm) | 30.31 (770) | 30.31 (770) | 30.31 (770) | 31.50 (800) | 33.27 (845) |
| | Unit Height | in (mm) | 21.85 (555) | 21.85 (555) | 21.85 (555) | 21.81 (554) | 27.64 (702) |
| | Unit Depth | in (mm) | 11.81 (300) | 11.81 (300) | 11.81 (300) | 13.11 (333) | 14.29 (363) |
| | Net Weight | lbs (kg) | 69 (31.3) | 63 (28.6) | 65.5 (29.7) | 79.6 (36.1) | 114.2 (51.8) |
| | Airflow | CFM | 1,170 | 1,170 | 1,170 | 1,170 | 1,765 |
| | Sound Pressure | dB(A) | 54.5 | 57.2 | 57.4 | 57.0 | 60.2 |

* Condensing unit above or indoor unit

| Compatibility Table | | | | | | |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| INDOOR UNIT | | 38MHRBQ12AA1 | 38MHRBQ09AA3 | 38MHRBQ12AA3 | 38MHRBQ18AA3 | 38MHRBQ24AA3 |
| High Wall | 40MHHQ12---1 | • | | | | |
| | 40MHHQ09---3 | | • | | | |
| | 40MHHQ12---3 | | | • | | |
| | 40MHHQ18---3 | | | | • | |
| | 40MHHQ24---3 | | | | | • |

| Performance | | | | | | | |
|--------------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| INDOOR MODEL | | 40MHHQ12---1 | 40MHHQ09---3 | 40MHHQ12---3 | 40MHHQ18---3 | 40MHHQ24---3 | |
| High Wall | Energy Star | No | No | No | No | No | |
| | Cooling System Tons | 1.0 | 0.8 | 1.0 | 1.5 | 2.0 | |
| | Cooling Rated Capacity | Btu/h | 12,000 | 9,000 | 12,000 | 18,000 | 24,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 3,700~13,000 | 3,400~10,500 | 3,700~13,000 | 5,500~19,000 | 8,987~26,585 |
| | SEER | | 19.8 | 18.5 | 19.8 | 19.0 | 17.3 |
| | EER | | 10 | 11.2 | 11.2 | 11.2 | 9.7 |
| | Heating Rated Capacity (47°F) | Btu/h | 12,000 | 9,800 | 12,000 | 18,000 | 24,800 |
| | Heating Rated Capacity (17°F) | Btu/h | 8,000 | 7,500 | 9,230 | 11,600 | 18,000 |
| | Heating Maximum Capacity (17°F) | Btu/h | 8,200 | 7,850 | 9,500 | 11,800 | 18,300 |
| | Heating Maximum Capacity (5°F) | Btu/h | 9,000 | 6,070 | 8,880 | 10,150 | 16,760 |
| | Heating Cap. Range Min - Max | Btu/h | 3,500~13,500 | 2,800~11,500 | 3,500~13,500 | 6,200~19,000 | 8,371~25,350 |
| | HSPF | | 10.6 | 10.0 | 9.6 | 10.6 | 9.6 |
| | COP (47°F) | W/W | 2.93 | 3.27 | 3.22 | 3.26 | 3.13 |
| | COP (17°F) | W/W | 2.58 | 2.58 | 2.64 | 2.64 | 2.49 |
| | COP (5°F) | W/W | 1.60 | 1.60 | 1.60 | 1.50 | 1.40 |

SERVICE
SUPPORT AND
PRODUCT
TRAINING

Carrier® provides our family of dealers with excellent support and training programs to keep them well-informed and equipped to sell every system.

For more product information
visit CarrierDuctless.com

Since 1902, Carrier® has been the brand you've trusted for all your heating and cooling solutions. We've continued to make innovative products that meet the demands of tomorrow. Carrier®'s family of Ductless & VRF systems deliver efficiency, performance and control thanks to advanced Inverter technology. When it comes to creating comfort, one size or system may not fit all, but one name does: **Carrier®**.



CarrierDuctless.com 1-800-CARRIER

A member of the United Technologies Corporation family.

Stock Symbol UTX

©Carrier Corporation 8/2018

01 DLS 035 01

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



Always look for these symbols, the air conditioning and heat pump industry seals of certified performance, efficiency and capacity.