

40MVQ012 with 38MVQ012
Comfort™ Series High Wall Duct–Free Split System
Heat Pump with Puron® Refrigerant



Turn to the Experts.™

Submittal Data

Job Data: _____ Location: _____

Buyer: _____ Buyer P.O.# _____ Carrier # _____

Unit Number: _____ Model Number: _____

Performance Data Certified By: _____ Date: _____



FEATURES

- 13 SEER / 7.7 HSPF
- Wireless remote standard
- Low voltage controls
- 35 VDC indoor fan motor
- User selectable fan speeds (auto, low, med, high)
- Indoor unit is powered from the outdoor unit
- Auto restart
- Diagnostics
- Dehumidification mode
- Sleep mode
- Auto swing
- Timer
- Cleanable filters
- Low ambient operation to -20°F (-28.9°C) with accessories

Indoor Unit - 40MVQ / Outdoor Unit - 38MVQ

(Unless otherwise indicated, data applies to both indoor and outdoor models)

SYSTEM SIZE 012

REFRIGERANT R-410A

PERFORMANCE

Nominal Capacity 12,000

SEER 13

HSPF 7.7

Airflow (Low/Med/High) 340 / 365 / 425

Performance at actual conditions: Attached ☐ Not Attached ☐

SOUND PRESSURE dBA (Htg.)

Indoor (Low/Med/High) 36 / 40 / 47

Outdoor 53

SOUND POWER dBA (Htg.)

Indoor (Low/Med/High) 47 / 51 / 58

Outdoor 64

ELECTRICAL

System Voltage 38/40MVQ012---1 = 115-1-60 V

..... 38/40MVQ012---3 = 208/230-1-60 V

MCA (outdoor) 115V = 15

..... 208/230V = 9

MOCP (outdoor) 115V = 25

..... 208/230V = 15

Fan Motor (Indoor) (FLA) 1.18

Motor Watts 25

CONTROLS

Control Remote Wireless

Control Voltage Low Voltage

Interconnecting (indoor to outdoor) Wiring (0-50 ft.) 18 AWG

Interconnecting (indoor to outdoor) Wiring (50-65 ft.) 16 AWG

REFRIGERANT LINES (Insulate both lines)

Mixed Phase Line (in.) OD 1/4

Vapor Line (in.) OD 1/2

Metering/Control Device Capillary tube in outdoor unit

Condensate Pump: Required ☐ Not Required ☐
Low Ambient Controls: Required ☐ Not Required ☐
Crankcase Heater: Required ☐ Not Required ☐
Wind Baffle: Required ☐ Not Required ☐

Optional:

Compressor extended warranty 6-10 years: Required ☐ Not Required ☐
All parts & labor 2-5 years: Required ☐ Not Required ☐
All parts & labor 2-5 years + Compressor 6-10 years: Required ☐ Not Required ☐

UNIT DIMENSIONS – INDOOR MODEL

Model Size	W in. (mm)	H in. (mm)	D in. (mm)	Operating Weight lb (kg)
12K	35.67 (906)	11.26 (286)	9.25 (235)	25.3 (11)

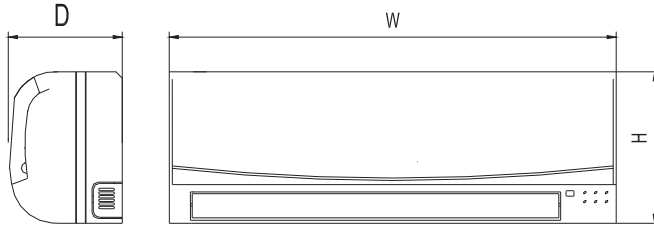


Fig. 1 – 40MVQ Dimensions

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UNIT CLEARANCES – INDOOR MODEL

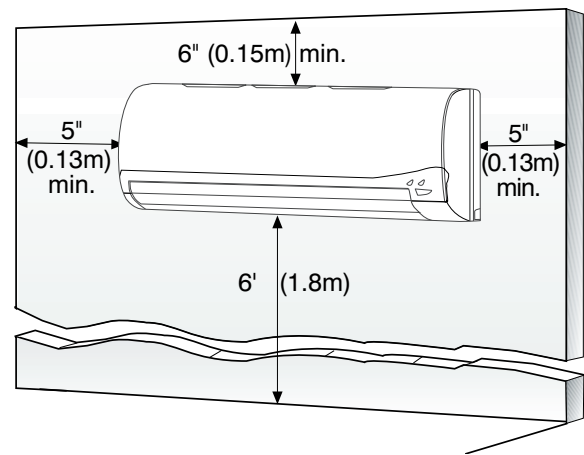


Fig. 2 – 40MVQ Clearance

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UNIT DIMENSIONS – OUTDOOR MODEL

Model Size	W in. (mm)	H in. (mm)	L1 in. (mm)	L2 in. (mm)	L3 in. (mm)	Weight lb (kg)
12K	29.92 (760)	23.23 (590)	20.87 (530)	12.40 (315)	11.42 (290)	83.6 (38)

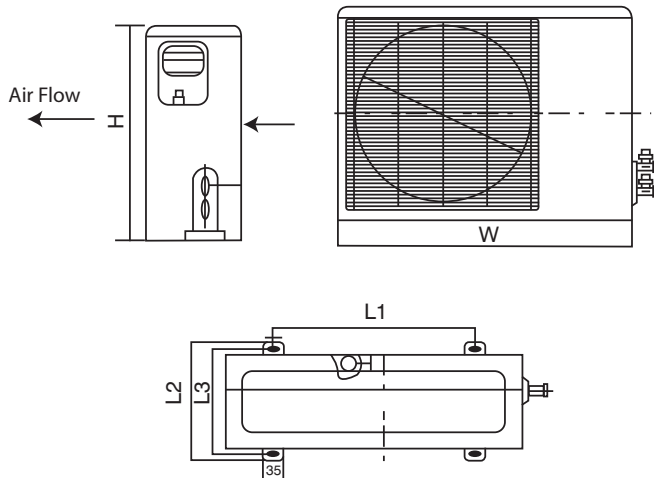


Fig. 3 – 38MVQ Dimensions

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UNIT CLEARANCES – OUTDOOR MODEL

UNIT	12k in. (mm)
A	24 (610)
B	24 (610)
C	24 (610)
D	4 (102)
E	12 (305)

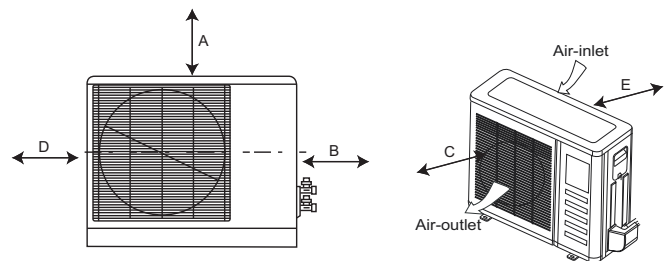


Fig. 4 – 38MVQ Clearances

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