

AH1-070B

AHU Connection Kit
2 Ton



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance

Capacity Range 10,000-24,000 Btu/h

Electrical

Voltage (V / Ø / Hz) 208-230 / 1 / 60

Dimensions

Height 8 7/8" (570 mm)
Width 16 1/2" (420 mm)
Depth 6 1/8" (154 mm)
Weight 12.2 lb. (5.53 kg)

Piping

Refrigerant Type R410A
Refrigerant - Liquid - Indoor Side 3/8" Flare
Refrigerant - Liquid - Outdoor Side 3/8" Flare
Max. Distance, AHU Kit to AHU 16 ft. (4.8m)
Max. Vertical drop, AHU Kit to AHU 16 ft. (4.8m)

Features and Benefits

- Allows connection of third-party air handling units (AHU) to Haier MRV 5 and MRV-S VRF systems
- Capacity options from 2-tons to 20-tons
- Refrigerant controlled by an electronic expansion valve for precision capacity control
- Choose four control methods:
 - Capacity control by 0-10V input from DDC
 - Set temperature by 0-10V input from DDC
 - On/Off control by third party thermostat
 - Control using Haier controller
- Factory-included liquid, gas, and return air thermistors
- Galvanized steel cabinet construction
- Integral valve and control box in a single assembly
- Field-adjustable control box mounting location allows for installation flexibility

Notes

1. Refer to installation manual for complete installation requirements and control option details.
2. Unit ships charged with dry nitrogen.

MRV5
DC INVERTER

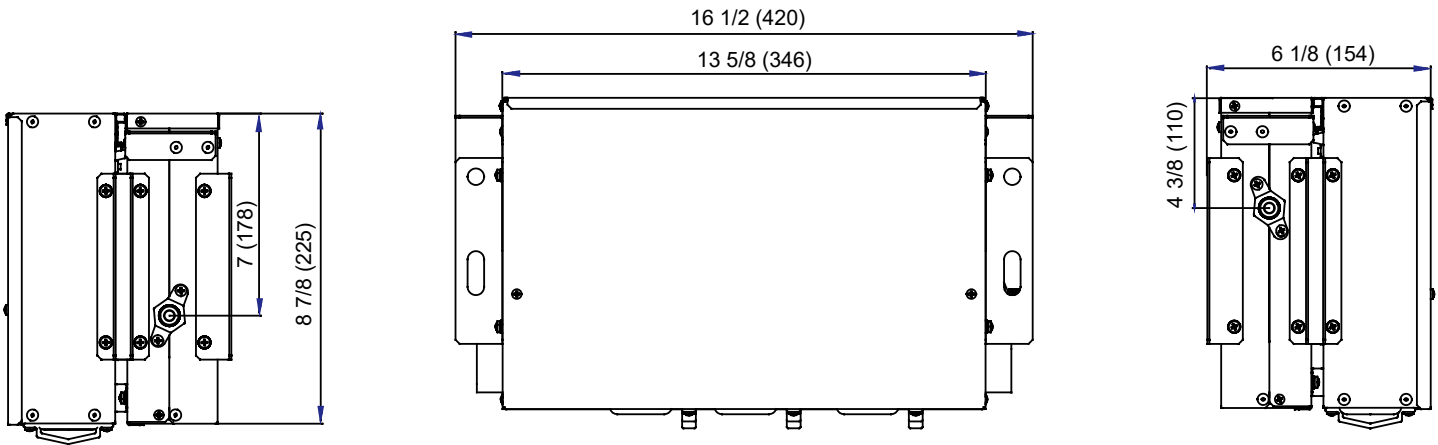
MRV-S
SERIES



Dimensional Drawings

Dimensions: inch (mm)

AH1-070B



AH1-140B

AHU Connection Kit
4 Ton



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance

Capacity Range 24,100-48,000 Btu/h

Electrical

Voltage (V / Ø / Hz) 208-230 / 1 / 60

Dimensions

Height 8 7/8" (570 mm)
Width 16 1/2" (420 mm)
Depth 6 1/8" (154 mm)
Weight 12.2 lb. (5.53 kg)

Piping

Refrigerant Type R410A
Refrigerant - Liquid - Indoor Side 3/8" Flare
Refrigerant - Liquid - Outdoor Side 3/8" Flare
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MRV5
DC INVERTER

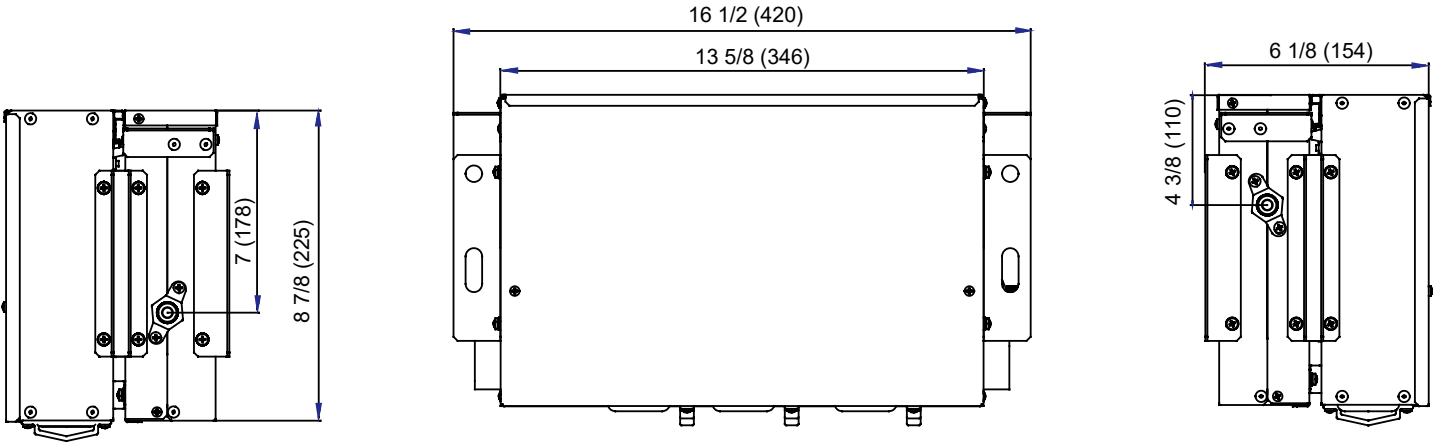
MRV-S
SERIES



Dimensional Drawings

Dimensions: inch (mm)

AH1-140B



AH1-280B

AHU Connection Kit
8 Ton



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance

Capacity Range 48,100-96,000 Btu/h

Electrical

Voltage (V / Ø / Hz) 208-230 / 1 / 60

Dimensions

Height 8 7/8" (570 mm)
Width 16 1/2" (420 mm)
Depth 6 1/8" (154 mm)
Weight 12.2 lb. (5.53 kg)

Piping

Refrigerant Type R410A
Refrigerant - Liquid - Indoor Side 3/8" Flare
Refrigerant - Liquid - Outdoor Side 3/8" Flare
Max. Distance, AHU Kit to AHU 16 ft. (4.8m)
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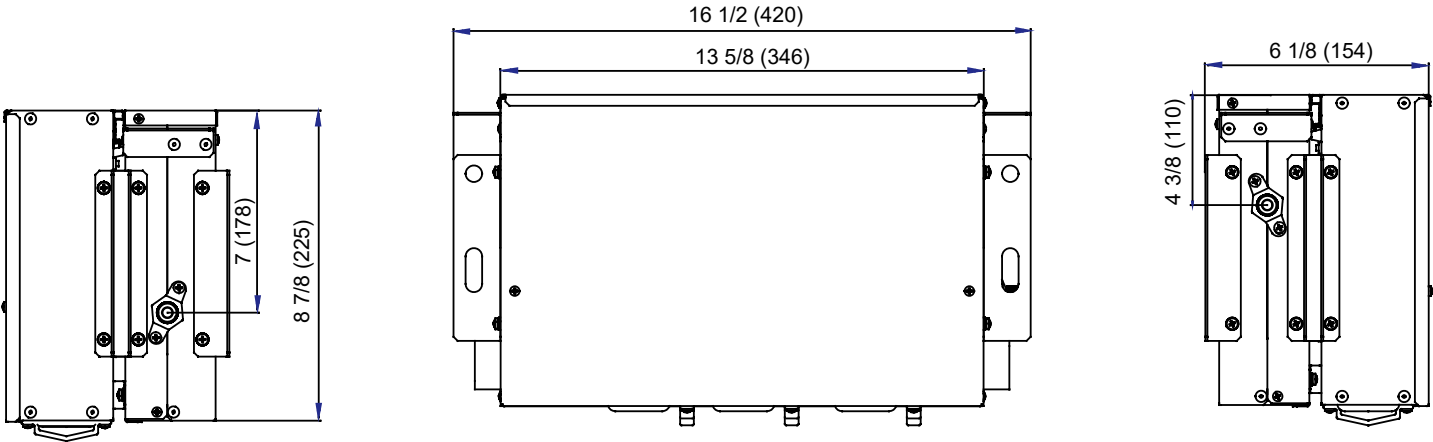
MRV5
DC INVERTER

MRV-S
SERIES



Dimensional Drawings

Dimensions: inch (mm)
AH1-070B



AH1-560B

AHU Connection Kit
16 Ton



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance

Capacity Range 96,100 - 192,000 Btu/h

Electrical

Voltage (V / Ø / Hz) 208-230 / 1 / 60

Dimensions

Height 8 7/8" (225 mm)
Width 16 1/2" (420 mm)
Depth 8" (203 mm)
Weight 14 lb. (6.35 kg)

Piping

Refrigerant Type R410A
Refrigerant - Liquid - Indoor Side 1/2" Flare
Refrigerant - Liquid - Outdoor Side 1/2" Flare
Max. Distance, AHU Kit to AHU 16 ft. (4.8m)
Max. Vertical drop, AHU Kit to AHU 16 ft. (4.8m)

Features and Benefits

- Allows connection of third-party air handling units (AHU) to Haier MRV 5 and MRV-S VRF systems
- Capacity options from 2-tons to 20-tons
- Refrigerant controlled by an electronic expansion valve for precision capacity control
- Choose four control methods:
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 - Control using Haier controller
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MRV5
DC INVERTER

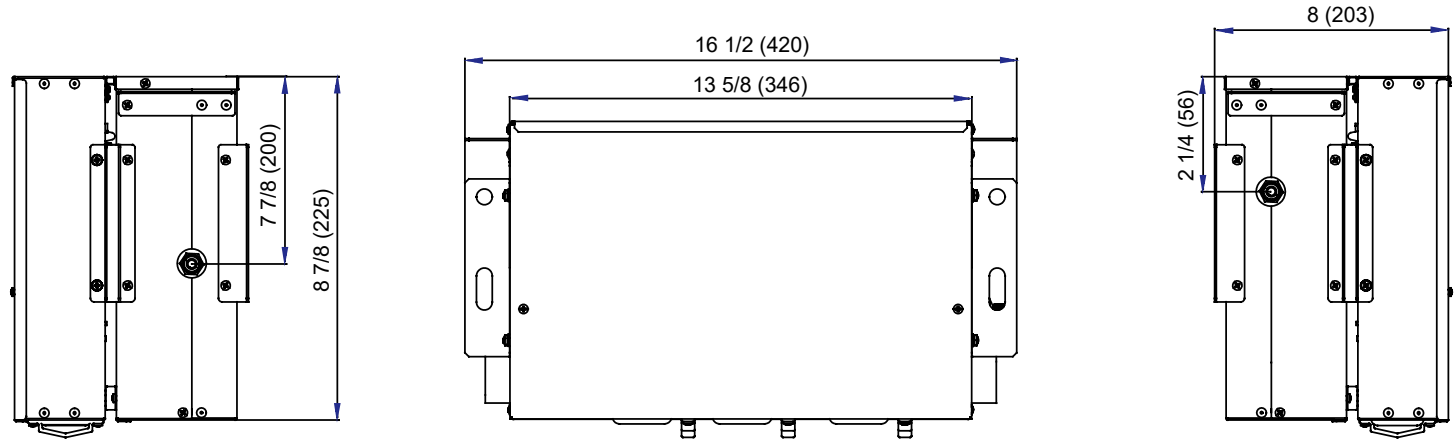
MRV-S
SERIES



Dimensional Drawings

Dimensions: inch (mm)

AH1-560B



AH1-730B

AHU Connection Kit
20 Ton



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance

Capacity Range 192,100 - 249,000 Btu/h

Electrical

Voltage (V / Ø / Hz) 208-230 / 1 / 60

Dimensions

Height 8 7/8" (225 mm)
Width 16 1/2" (420 mm)
Depth 8" (203 mm)
Weight 14 lb. (6.35 kg)

Piping

Refrigerant Type R410A
Refrigerant - Liquid - Indoor Side 1/2" Flare
Refrigerant - Liquid - Outdoor Side 1/2" Flare
Max. Distance, AHU Kit to AHU 16 ft. (4.8m)
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MRV5
DC INVERTER

MRV-S
SERIES



Dimensional Drawings

Dimensions: inch (mm)

AH1-730B

