

MVAD007MV2AA

Slim Duct Indoor Unit
7,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

Cooling Capacity	7,000 Btu/h
Heating Capacity	8,500 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.24 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.29 A
Running Current, Heating	0.29 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	50 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	540/480/420/360/300
Airflow Rate, m ³ /h (H/M/L)	917/815/714/611/510
Ext. Static Pressure (Max)	0.12"

Sound Levels

Sound Power Level, dB(A)	32/30/28/25/22
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Dimensions

Height	7 5/16" (185 mm)
Width	33 7/16" (850 mm)
Depth	16 9/16" (420 mm)
Weight	38.6 lb. (17.5 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	1/4" Flare
Refrigerant - Vapor	3/8" Flare
Condensate Drain Outlet	1" OD

Features and Benefits

- Static pressure up to 0.12" ESP
- Ultra low profile design requires less than 8" above the ceiling
- Built in condensate pump capable of 17.7" of lift from the drain outlet
- Low sound levels

Optional Accessories and Controls

YR-E16B Programmable Wired Controller

QACT17A Non-Programmable Wired Controller

RE-02 Infrared Signal Receiver

YR-HG Wireless Controller (must use RE-02 IR receiver)

PAD0890SA Supply Grill

PAD8090RA Return Air Grille

Notes

1. Cooling and heating capacities are based on the following temperatures:
Cooling Indoor: 80°F (26.7°C) DB, 67°F (19.4°C) WB
Cooling Outdoor: 95°F (35°C) DB
Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

MRV5
DC INVERTER

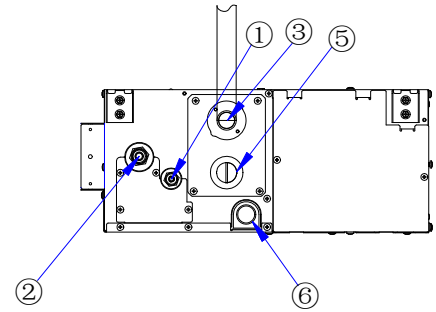
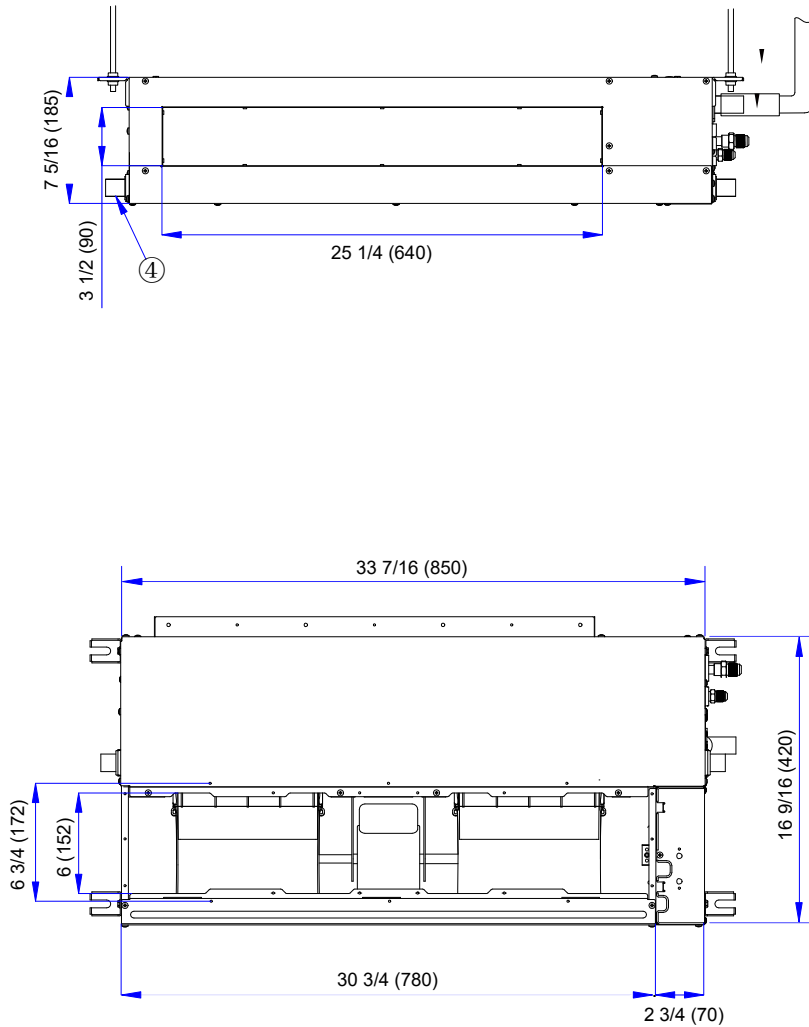
MRV-S
SERIES



Dimensional Drawings

Dimensions (unit: in.)

Return Air Opening (Inlet)	30 3/4" x 6 3/4"
Supply Air Opening (Outlet)	25 1/4" x 3 1/2"



No.	Name
1	Liquid pipe flare connection
2	Gas pipe flare connection
3	Drain hose pumped outlet
4	Drain outlet
5	Inspection hole
6	Drain outlet

MVAD009MV2AA

Slim Duct Indoor Unit
9,500 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

Cooling Capacity	9,500 Btu/h
Heating Capacity	10,500 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.24 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.29 A
Running Current, Heating	0.29 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	50 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	540/480/420/360/300
Airflow Rate, m ³ /h (H/M/L)	917/815/714/611/510
Ext. Static Pressure (Max)	0.12"

Sound Levels

Sound Power Level, dB(A)	32/30/28/25/22
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Dimensions

Height	7 5/16" (185 mm)
Width	33 7/16" (850 mm)
Depth	16 9/16" (420 mm)
Weight	38.6 lb. (17.5 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	1/4" Flare
Refrigerant - Vapor	3/8" Flare
Condensate Drain Outlet	1" OD

Features and Benefits

- Static pressure up to 0.12" ESP
- Ultra low profile design requires less than 8" above the ceiling
- Built in condensate pump capable of 17.7" of lift from the drain outlet
- Low sound levels

Optional Accessories and Controls

YR-E16B Programmable Wired Controller

QACT17A Non-Programmable Wired Controller

RE-02 Infrared Signal Receiver

YR-HG Wireless Controller (must use RE-02 IR receiver)

PAD0890SA Supply Grill

PAD8090RA Return Air Grille

Notes

1. Cooling and heating capacities are based on the following temperatures:
Cooling Indoor: 80°F (26.7°C) DB, 67°F (19.4°C) WB
Cooling Outdoor: 95°F (35°C) DB
Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

MRV5
DC INVERTER

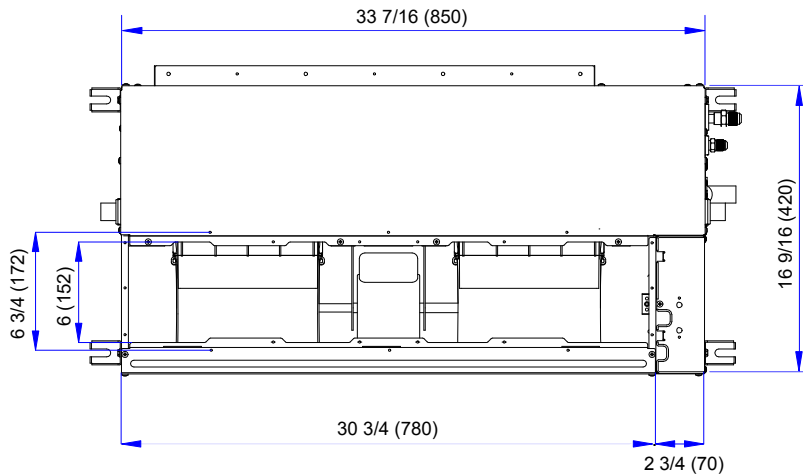
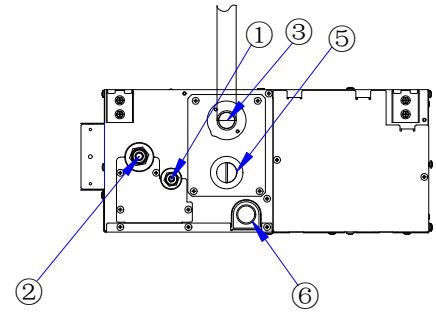
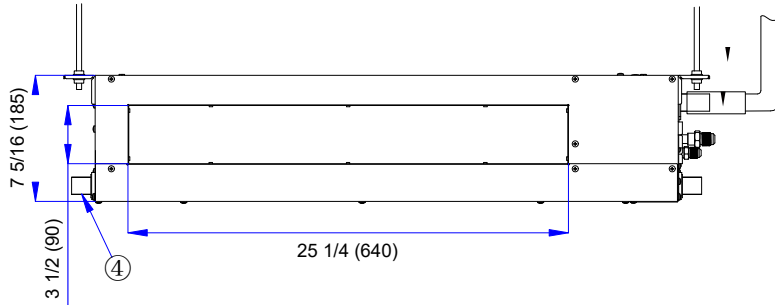
MRV-S
SERIES



Dimensional Drawings

Dimensions (unit: in.)

Return Air Opening (Inlet)	30 3/4" x 6 3/4"
Supply Air Opening (Outlet)	25 1/4" x 3 1/2"



No.	Name
1	Liquid pipe flare connection
2	Gas pipe flare connection
3	Drain hose pumped outlet
4	Drain outlet
5	Inspection hole
6	Drain outlet

MVAD012MV2AA

Slim Duct Indoor Unit
12,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

Cooling Capacity	12,000 Btu/h
Heating Capacity	13,500 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.38 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.29 A
Running Current, Heating	0.29 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	50 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	640/550/430/370/330
Airflow Rate, m ³ /h (H/M/L)	1087/934/731/629/561
Ext. Static Pressure (Max)	0.12"

Sound Levels

Sound Power Level, dB(A)	34/32/29/26/24
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Dimensions

Height	7 5/16" (185 mm)
Width	33 7/16" (850 mm)
Depth	16 9/16" (420 mm)
Weight	38.6 lb. (17.5 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	1/4" Flare
Refrigerant - Vapor	1/2" Flare
Condensate Drain Outlet	1" OD

Features and Benefits

- Static pressure up to 0.12" ESP
- Ultra low profile design requires less than 8" above the ceiling
- Built in condensate pump capable of 17.7" of lift from the drain outlet
- Low sound levels

Optional Accessories and Controls

YR-E16B Programmable Wired Controller

QACT17A Non-Programmable Wired Controller

RE-02 Infrared Signal Receiver

YR-HG Wireless Controller (must use RE-02 IR receiver)

PAD0890SA Supply Grill

PAD8090RA Return Air Grille

Notes

1. Cooling and heating capacities are based on the following temperatures:
Cooling Indoor: 80°F (26.7°C) DB, 67°F (19.4°C) WB
Cooling Outdoor: 95°F (35°C) DB
Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

MRV5
DC INVERTER

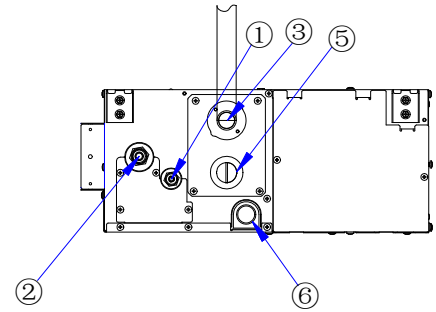
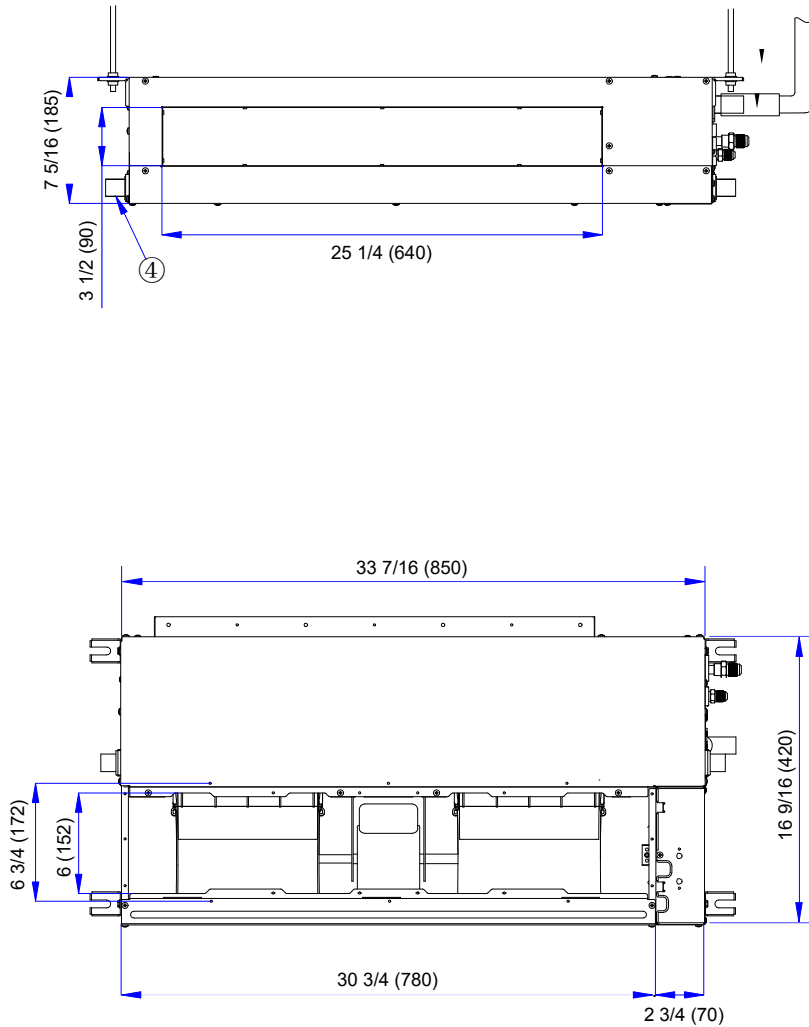
MRV-S
SERIES



Dimensional Drawings

Dimensions (unit: in.)

Return Air Opening (Inlet)	30 3/4" x 6 3/4"
Supply Air Opening (Outlet)	25 1/4" x 3 1/2"



No.	Name
1	Liquid pipe flare connection
2	Gas pipe flare connection
3	Drain hose pumped outlet
4	Drain outlet
5	Inspection hole
6	Drain outlet

MVAD018MV2AA

Slim Duct Indoor Unit
18,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

Cooling Capacity	18,000 Btu/h
Heating Capacity	20,000 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.38 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.37 A
Running Current, Heating	0.37 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	45 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	950/800/690/580/440
Airflow Rate, m ³ /h (H/M/L)	1614/1587/1172/985/748
Ext. Static Pressure (Max)	0.12"

Sound Levels

Sound Power Level, dB(A)	38/35/33/30/26
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Dimensions

Height	7 5/16" (185 mm)
Width	46 1/16" (850 mm)
Depth	16 9/16" (420 mm)
Weight	48.9 lb. (22.2 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	1/4" Flare
Refrigerant - Vapor	1/2" Flare
Condensate Drain Outlet	1" OD

Features and Benefits

- Static pressure up to 0.12" ESP
- Ultra low profile design requires less than 8" above the ceiling
- Built in condensate pump capable of 17.7" of lift from the drain outlet
- Low sound levels

Optional Accessories and Controls

YR-E16B Programmable Wired Controller

QACT17A Non-Programmable Wired Controller

RE-02 Infrared Signal Receiver

YR-HG Wireless Controller (must use RE-02 IR receiver)

PAD1210SA Supply Grill

PAD1210RA Return Air Grille

Notes

1. Cooling and heating capacities are based on the following temperatures:
Cooling Indoor: 80°F (26.7°C) DB, 67°F (19.4°C) WB
Cooling Outdoor: 95°F (35°C) DB
Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

MRV5
DC INVERTER

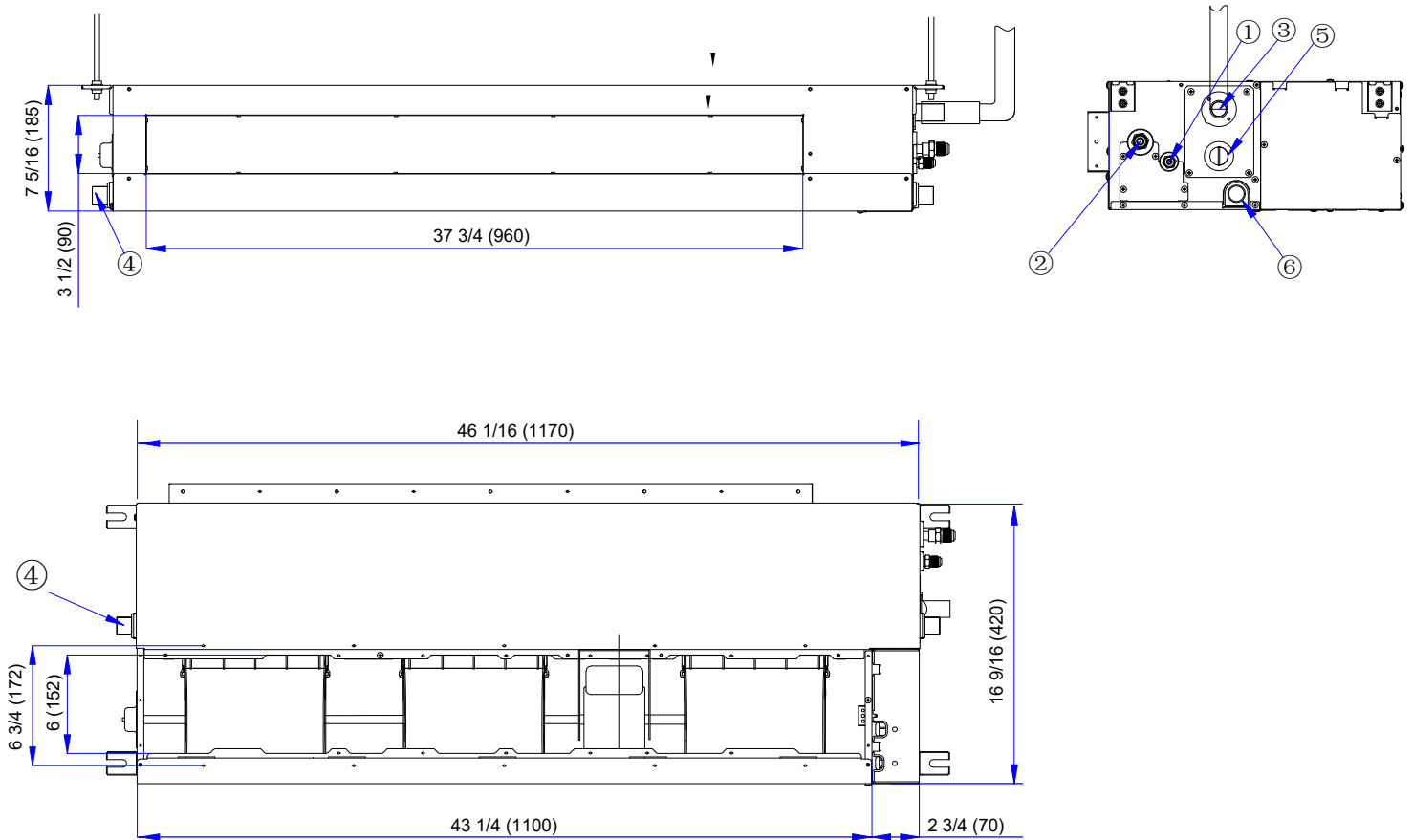
MRV-S
SERIES



Dimensional Drawings

Dimensions (unit: in.)

Return Air Opening (Inlet)	43 1/4" x 6 3/4"
Supply Air Opening (Outlet)	37 3/4" x 3 1/2"



No.	Name
1	Liquid pipe flare connection
2	Gas pipe flare connection
3	Drain hose pumped outlet
4	Drain outlet
5	Inspection hole
6	Drain outlet

MVAD024MV2AA

Slim Duct Indoor Unit
24,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

Cooling Capacity	24,000 Btu/h
Heating Capacity	27,000 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.59 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.45 A
Running Current, Heating	0.45 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	45 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	1020/930/850/750/645
Airflow Rate, m ³ /h (H/M/L)	1733/1580/1444/1274/1095
Ext. Static Pressure (Max)	0.12"

Sound Levels

Sound Power Level, dB(A)	39/36/33/31/29
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Dimensions

Height	7 5/16" (185 mm)
Width	46 1/16" (850 mm)
Depth	16 9/16" (420 mm)
Weight	52.9 lb. (24 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	3/8" Flare
Refrigerant - Vapor	5/8" Flare
Condensate Drain Outlet	1" OD

Features and Benefits

- Static pressure up to 0.12" ESP
- Ultra low profile design requires less than 8" above the ceiling
- Built in condensate pump capable of 17.7" of lift from the drain outlet
- Low sound levels

Optional Accessories and Controls

YR-E16B Programmable Wired Controller

QACT17A Non-Programmable Wired Controller

RE-02 Infrared Signal Receiver

YR-HG Wireless Controller (must use RE-02 IR receiver)

PAD1210SA Supply Grill

PAD1210RA Return Air Grille

Notes

1. Cooling and heating capacities are based on the following temperatures:
Cooling Indoor: 80°F (26.7°C) DB, 67°F (19.4°C) WB
Cooling Outdoor: 95°F (35°C) DB
Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

MRV5
DC INVERTER

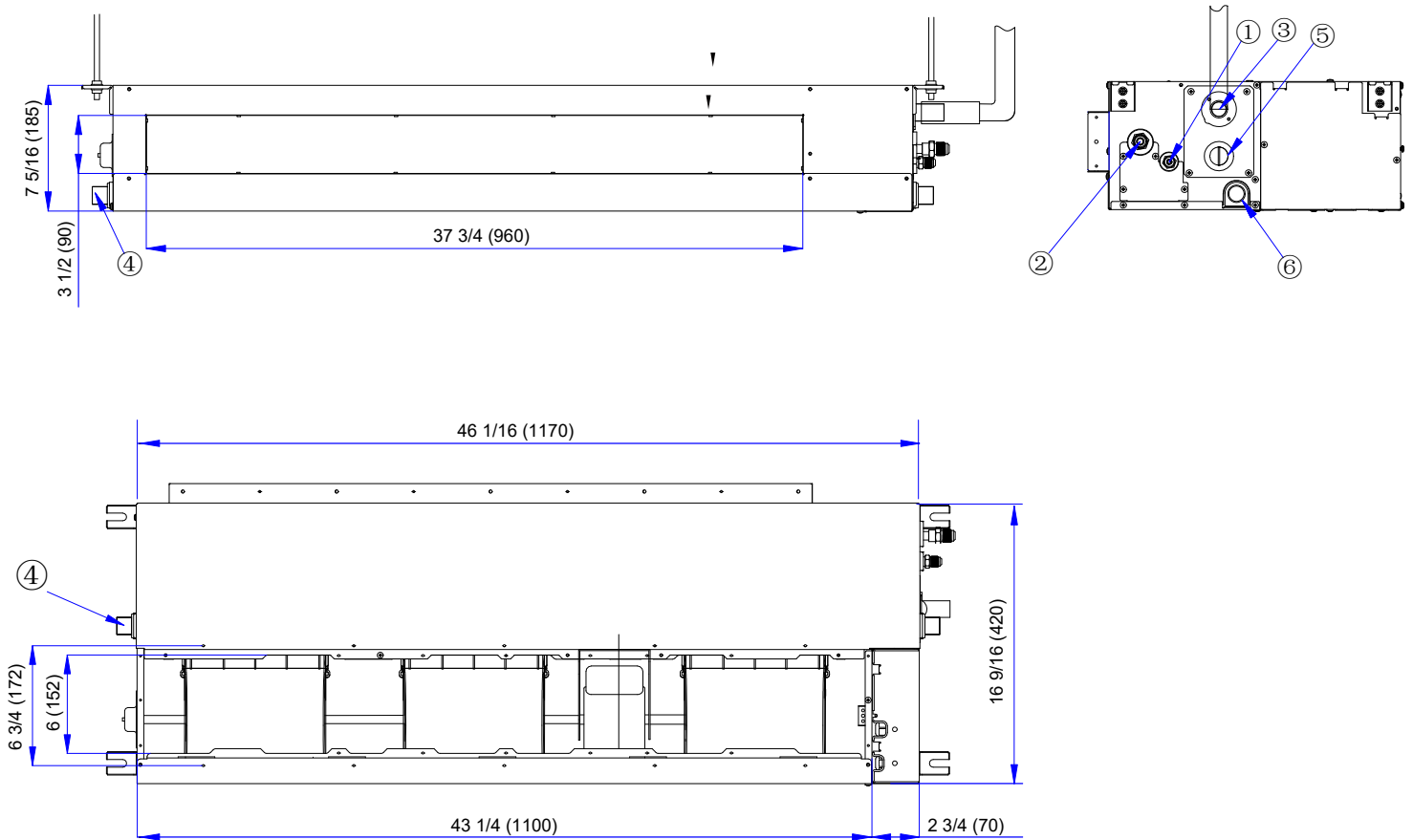
MRV-S
SERIES



Dimensional Drawings

Dimensions (unit: in.)

Return Air Opening (Inlet)	43 1/4" x 6 3/4"
Supply Air Opening (Outlet)	37 3/4" x 3 1/2"



No.	Name
1	Liquid pipe flare connection
2	Gas pipe flare connection
3	Drain hose pumped outlet
4	Drain outlet
5	Inspection hole
6	Drain outlet