

MVAM007ME2AA

Med. Static Pressure 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)	0.64 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.48 A
Running Current, Heating	0.48 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	42 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	324 / 294 / 265
Ext. Static Pressure (Rated/Max)	0.12" / 0.60"

Sound Levels

Sound Power Level, dB(A)	36 / 34 / 32
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Dimensions

Height	9 3/4" (248 mm)
Width	27 1/2" (700 mm)
Depth	27 1/2" (700 mm)
Weight	63 lb. (28.6 kg)

Piping

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

Features and Benefits

- Multiple ESP (external static pressure) settings from 0.12 in.wg - 0.60 in.wg
- Low profile design requires less than 10" above the ceiling
- Designed for installation flexibility - easily convert from rear return to bottom return
- Built-in condensate lift pump capable of 20" (508mm) lift from 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)
- **UAMFBV28A** Filter Box

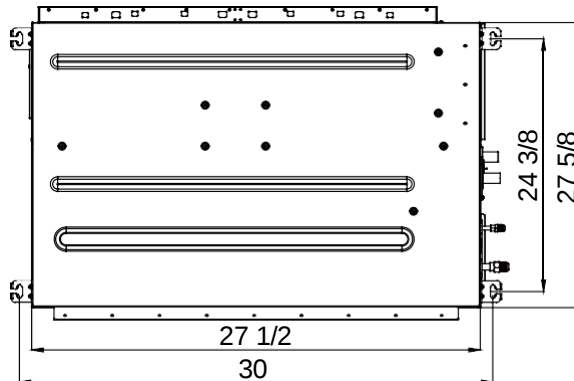
Notes

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.

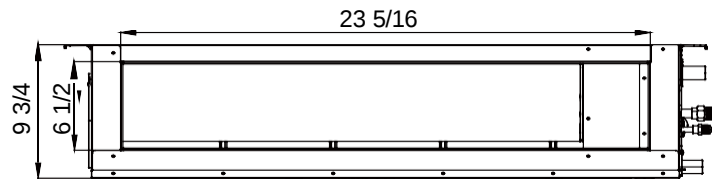
Dimensional Drawings

Dimensions (unit: in.)

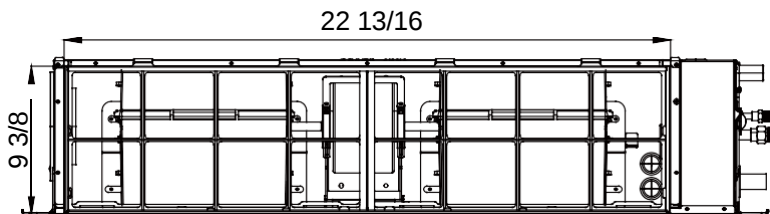
Return Air Opening (Inlet)	22 13/16" x 9 3/8"
Supply Air Opening (Outlet)	23 5/16" x 6 1/2"



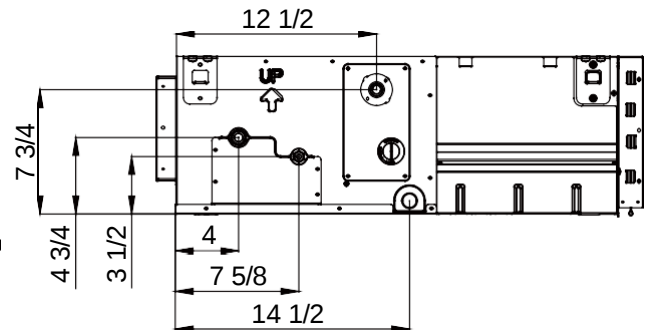
Hanger dimensions



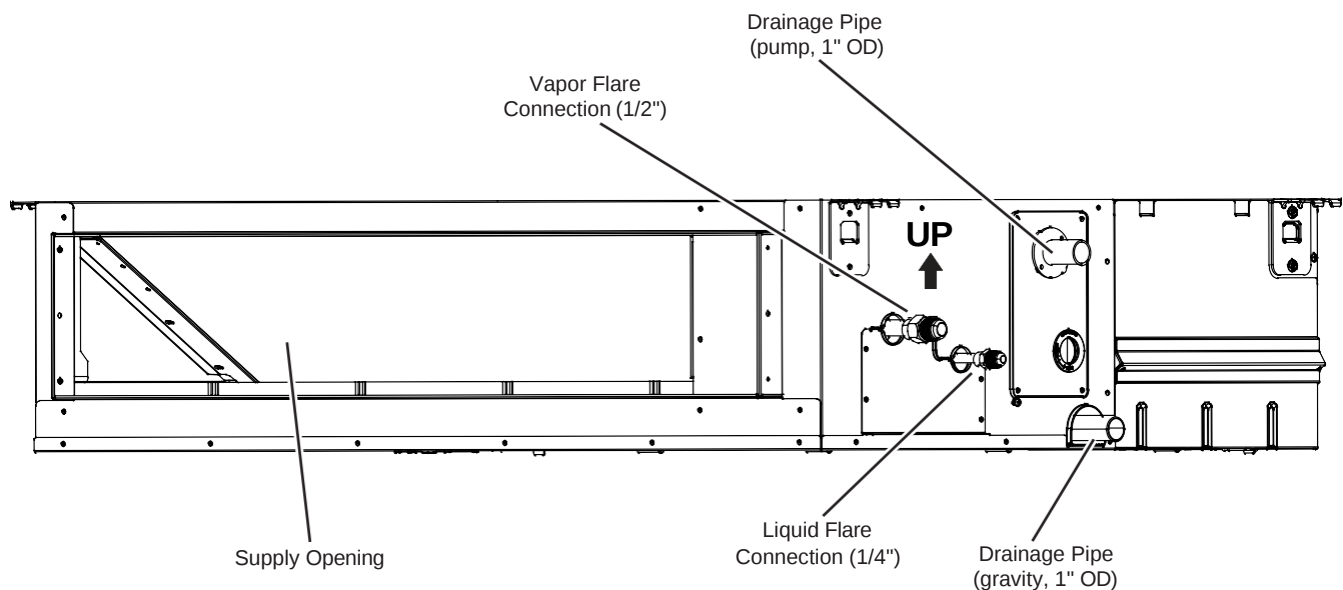
Dimensions of air outlet



Dimensions of return air inlet



Dimensions of drain hose and pipe



MVAM009ME2AA

Med. Static Pressure Duct Indoor Unit
9,000 Btu/h

Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction



Specifications

Performance¹

Cooling Capacity	9,000 Btu/h
Heating Capacity	10,500 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.64 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.60 A
Running Current, Heating	0.60 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	42 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	382 / 338 / 294
Ext. Static Pressure (Rated/Max)	0.12" / 0.60"

Sound Levels

Sound Power Level, dB(A)	36 / 34 / 32
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Dimensions

Height	9 3/4" (248 mm)
Width	27 1/2" (700 mm)
Depth	27 1/2" (700 mm)
Weight	66.1 lb. (30 kg)

Piping

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

Features and Benefits

- Multiple ESP (external static pressure) settings from 0.12 in.wg - 0.60 in.wg
- Low profile design requires less than 10" above the ceiling
- Designed for installation flexibility - easily convert from rear return to bottom return
- Built-in condensate lift pump capable of 20" (508mm) lift from 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)
- **UAMFBV28A** Filter Box

Notes

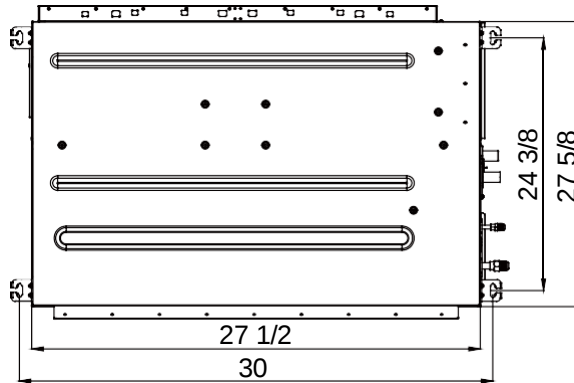
1. Cooling and heating capacities are based on the following temperatures:
Cooling Indoor: 80°F (26.7°C) DB, 67°F (19.4°C) WB
Cooling Outdoor: 95°F (35°C) DB
Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.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



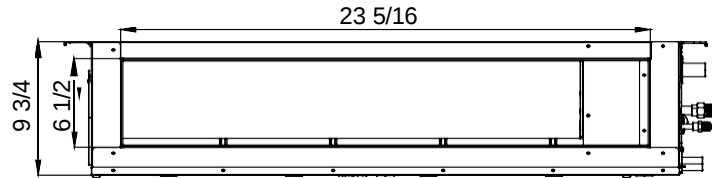
Dimensional Drawings

Dimensions (unit: in.)

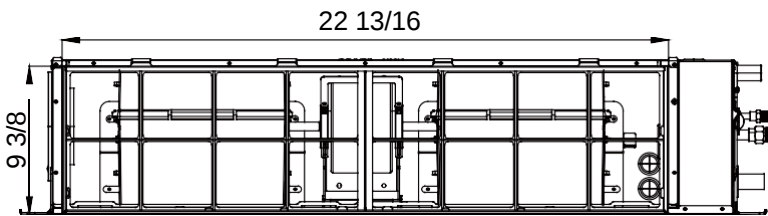
Return Air Opening (Inlet)	22 13/16" x 9 3/8"
Supply Air Opening (Outlet)	23 5/16" x 6 1/2"



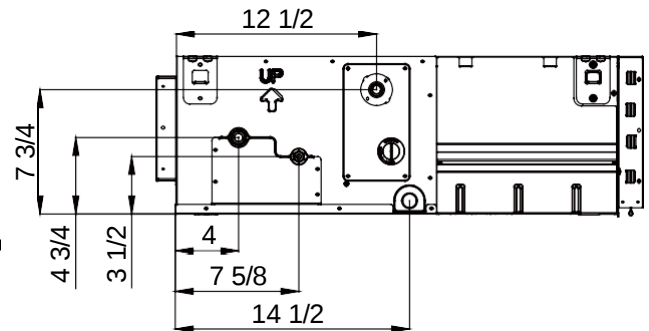
Hanger dimensions



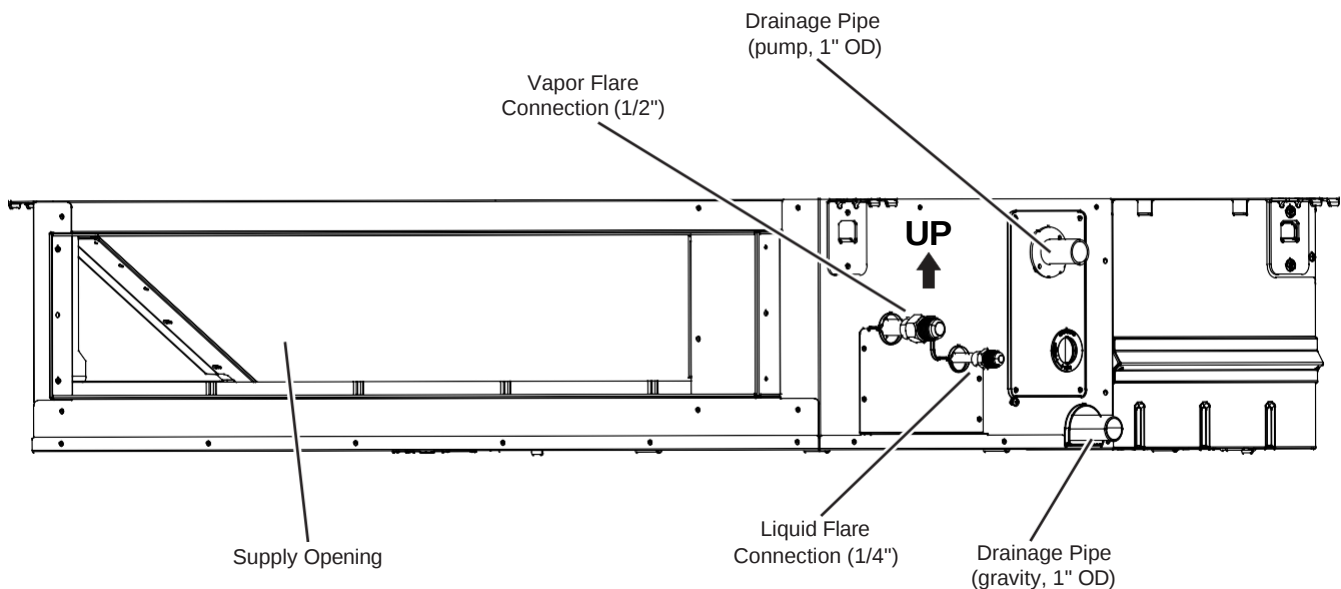
Dimensions of air outlet



Dimensions of return air inlet



Dimensions of drain hose and pipe



MVAM012ME2AA

Med. Static Pressure 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)	0.64 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.75 A
Running Current, Heating	0.75 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	42 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	565 / 523 / 500
Ext. Static Pressure (Rated/Max)	0.12" / 0.60"

Sound Levels

Sound Power Level, dB(A)	37 / 35 / 33
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Dimensions

Height	9 3/4" (248 mm)
Width	43 1/4" (1100 mm)
Depth	27 1/2" (700 mm)
Weight	88 lb. (40 kg)

Piping

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

Features and Benefits

- Multiple ESP (external static pressure) settings from 0.12 in.wg - 0.60 in.wg
- Low profile design requires less than 10" above the ceiling
- Designed for installation flexibility - easily convert from rear return to bottom return
- Built-in condensate lift pump capable of 20" (508mm) lift from 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)
- **UAMFBV43A** Filter Box

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

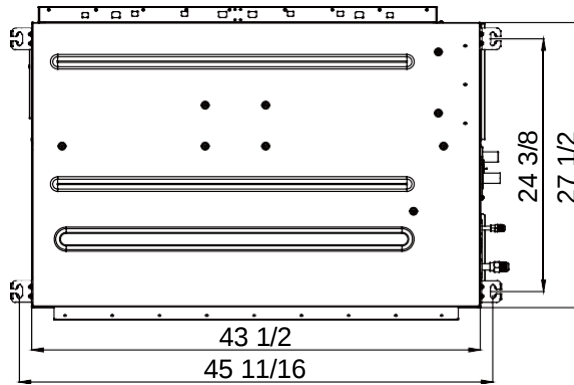
MRV-S
SERIES



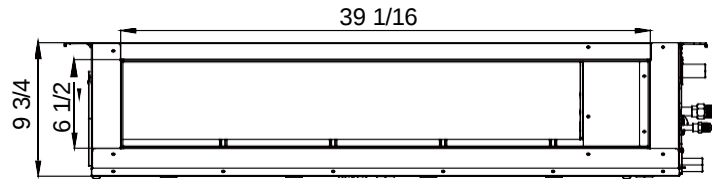
Dimensional Drawings

Dimensions (unit: in.)

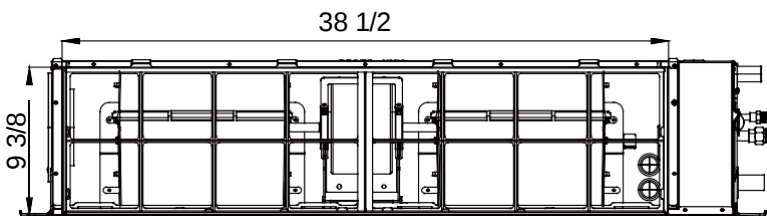
Return Air Opening (Inlet)	38 1/2" x 9 3/8"
Supply Air Opening (Outlet)	39 1/16" x 6 1/2"



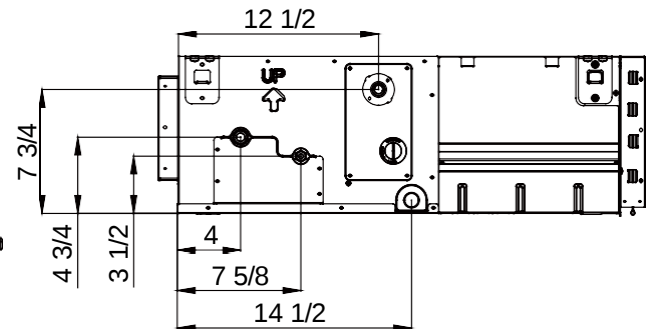
Hanger dimensions



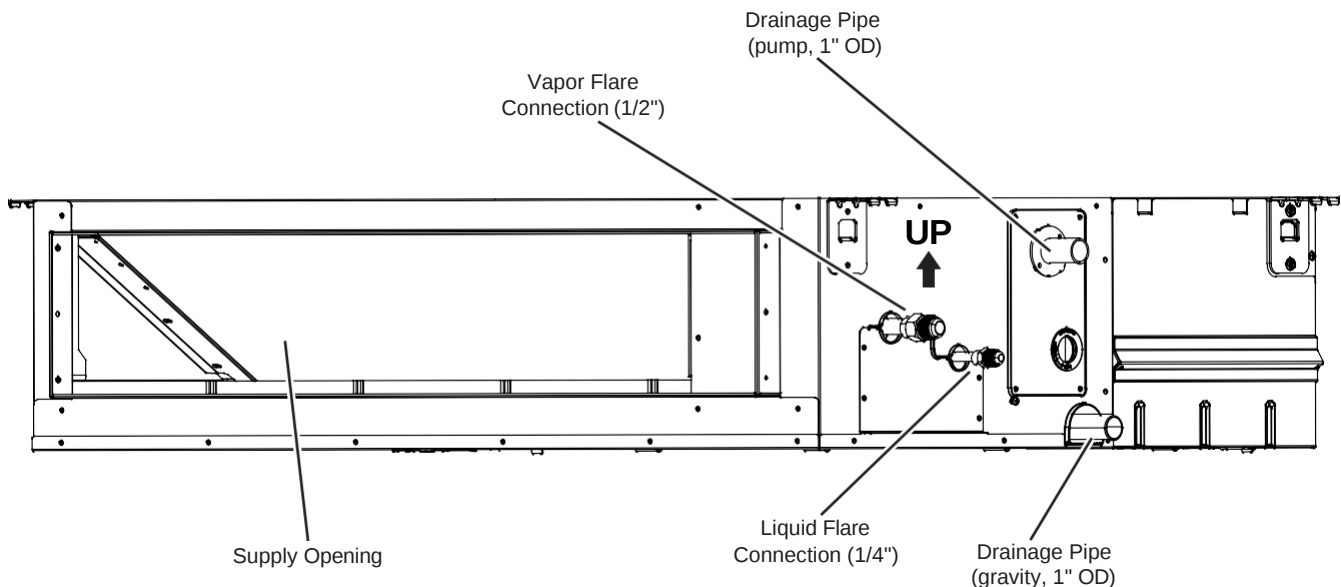
Dimensions of air outlet



Dimensions of return air inlet



Dimensions of drain hose and pipe



MVAM018ME2AA

Med. Static Pressure 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)	0.96 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.85 A
Running Current, Heating	0.85 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	64 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	800 / 747 / 694
Ext. Static Pressure (Rated/Max)	0.12" / 0.60"

Sound Levels

Sound Power Level, dB(A)	41 / 39 / 37
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Dimensions

Height	9 3/4" (248 mm)
Width	59" (1500 mm)
Depth	27 1/2" (700 mm)
Weight	116.8 lb. (53 kg)

Piping

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

Features and Benefits

- Multiple ESP (external static pressure) settings from 0.12 in.wg - 0.60 in.wg
- Low profile design requires less than 10" above the ceiling
- Designed for installation flexibility - easily convert from rear return to bottom return
- Built-in condensate lift pump capable of 20" (508mm) lift from 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)
- **UAMFBV59A** Filter Box

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

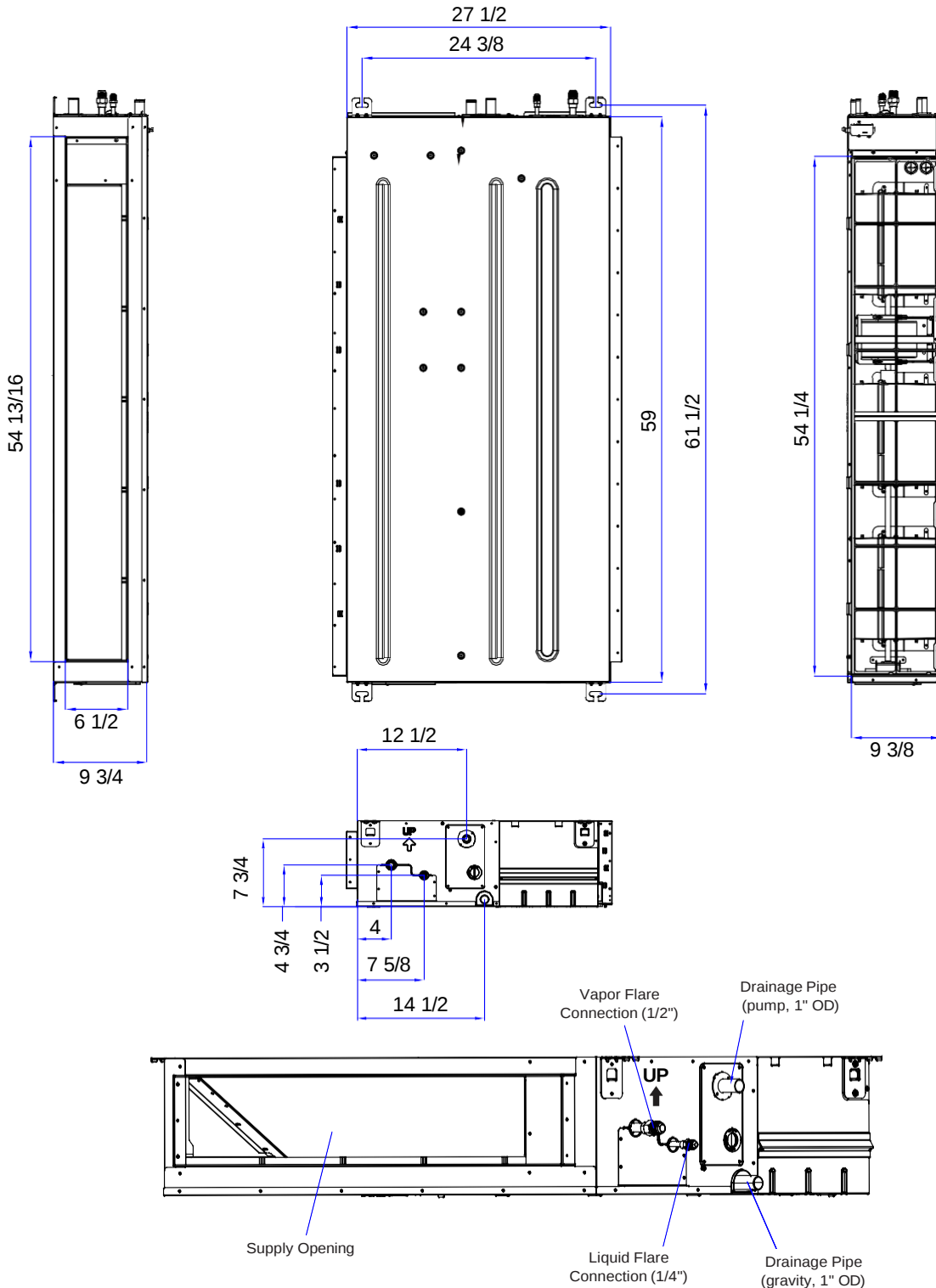
Dimensions (unit: in.)

Return Air Opening (Inlet)

54 1/4" x 9 3/8"

Supply Air Opening (Outlet)

54 13/16" x 6 1/2"



MVAM024ME2AA

Med. Static Pressure Duct Indoor Unit
24,000 Btu/h



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 Ampacity (MCA)	1.01 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.95 A
Running Current, Heating	0.95 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	69 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	830 / 747 / 694
Ext. Static Pressure (Rated/Max)	0.12" / 0.60"

Sound Levels

Sound Power Level, dB(A)	42 / 39 / 37
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Dimensions

Height	9 3/4" (248 mm)
Width	59" (1500 mm)
Depth	27 1/2" (700 mm)
Weight	116.8 lb. (53 kg)

Piping

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

Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction

Features and Benefits

- Multiple ESP (external static pressure) settings from 0.12 in.wg - 0.60 in.wg
- Low profile design requires less than 10" above the ceiling
- Designed for installation flexibility - easily convert from rear return to bottom return
- Built-in condensate lift pump capable of 20" (508mm) lift from 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)
- **UAMFBV59A** Filter Box

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

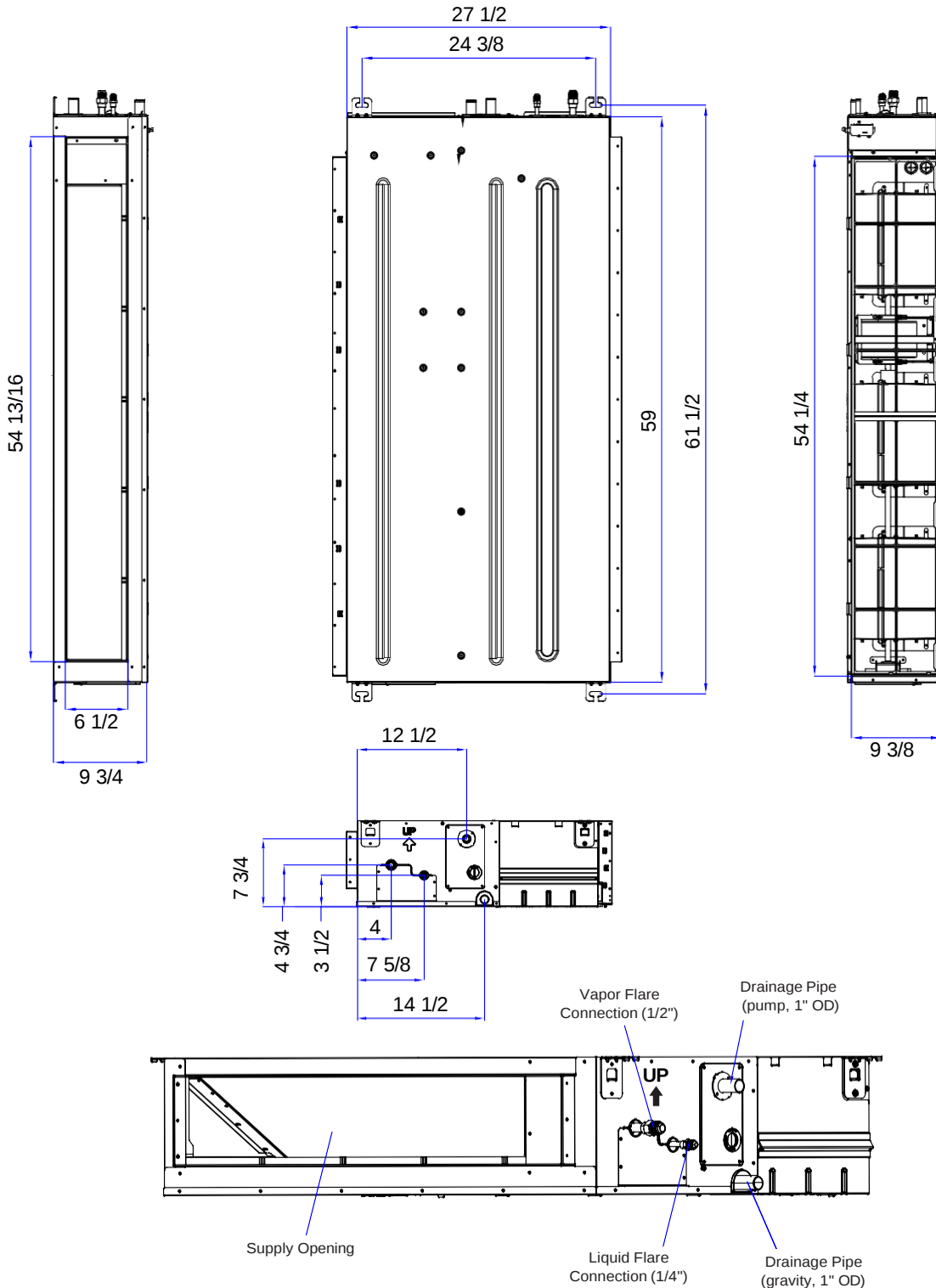
Dimensions (unit: in.)

Return Air Opening (Inlet)

54 1/4" x 9 3/8"

Supply Air Opening (Outlet)

54 13/16" x 6 1/2"



MVAM036ME2AA

Med. Static Pressure Duct Indoor Unit
36,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction

Specifications

Performance¹

Cooling Capacity	36,000 Btu/h
Heating Capacity	40,000 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	1.48 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	1.53 A
Running Current, Heating	1.53 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	112 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	1147 / 947 / 806
Ext. Static Pressure (Rated/Max)	0.12" / 0.60"

Sound Levels

Sound Power Level, dB(A)	45 / 42 / 38
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Dimensions

Height	9 3/4" (248 mm)
Width	59" (1500 mm)
Depth	27 1/2" (700 mm)
Weight	123.5 lb. (56 kg)

Piping

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

Features and Benefits

- Multiple ESP (external static pressure) settings from 0.12 in.wg - 0.60 in.wg
- Low profile design requires less than 10" above the ceiling
- Designed for installation flexibility - easily convert from rear return to bottom return
- Built-in condensate lift pump capable of 20" (508mm) lift from 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)
- **UAMFBV59A** Filter Box

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.



Dimensional Drawings

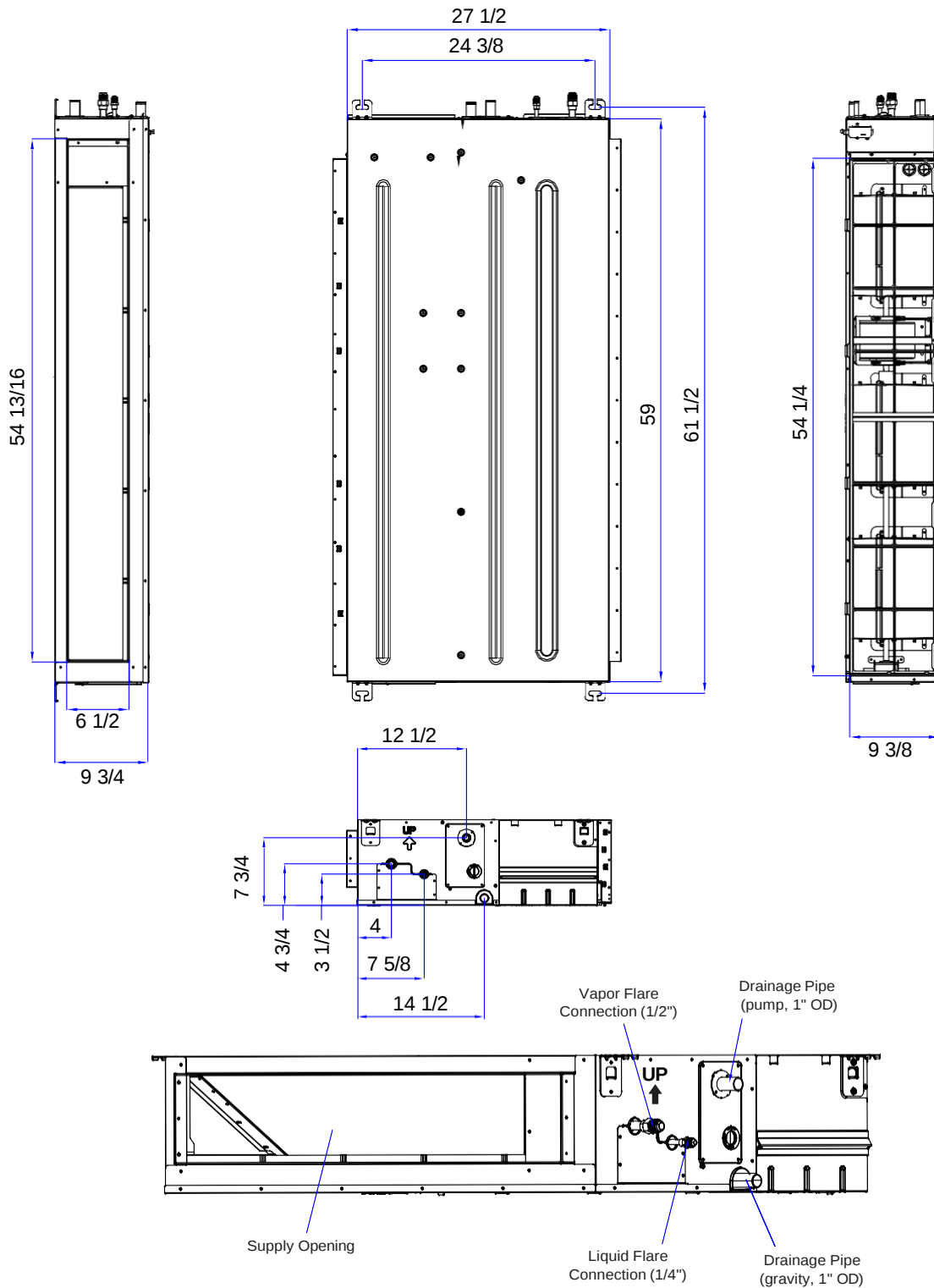
Dimensions (unit: in.)

Return Air Opening (Inlet)

54 1/4" x 9 3/8"

Supply Air Opening (Outlet)

54 13/16" x 6 1/2"



MVAM048ME2AA

Med. Static Pressure Duct Indoor Unit
48,000 Btu/h

Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction



Specifications

Performance¹

Cooling Capacity	48,000 Btu/h
Heating Capacity	54,000 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	1.48 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	1.93 A
Running Current, Heating	1.93 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	112 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	1353 / 1141 / 965
Ext. Static Pressure (Rated/Max)	0.12" / 0.60"

Sound Levels

Sound Power Level, dB(A)	46 / 43 / 40
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Dimensions

Height	9 3/4" (248 mm)
Width	59" (1500 mm)
Depth	27 1/2" (700 mm)
Weight	123.5 lb. (56 kg)

Piping

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

Features and Benefits

- Multiple ESP (external static pressure) settings from 0.12 in.wg - 0.60 in.wg
- Low profile design requires less than 10" above the ceiling
- Designed for installation flexibility - easily convert from rear return to bottom return
- Built-in condensate lift pump capable of 20" (508mm) lift from 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)
- **UAMFBV59A** Filter Box

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.



Dimensional Drawings

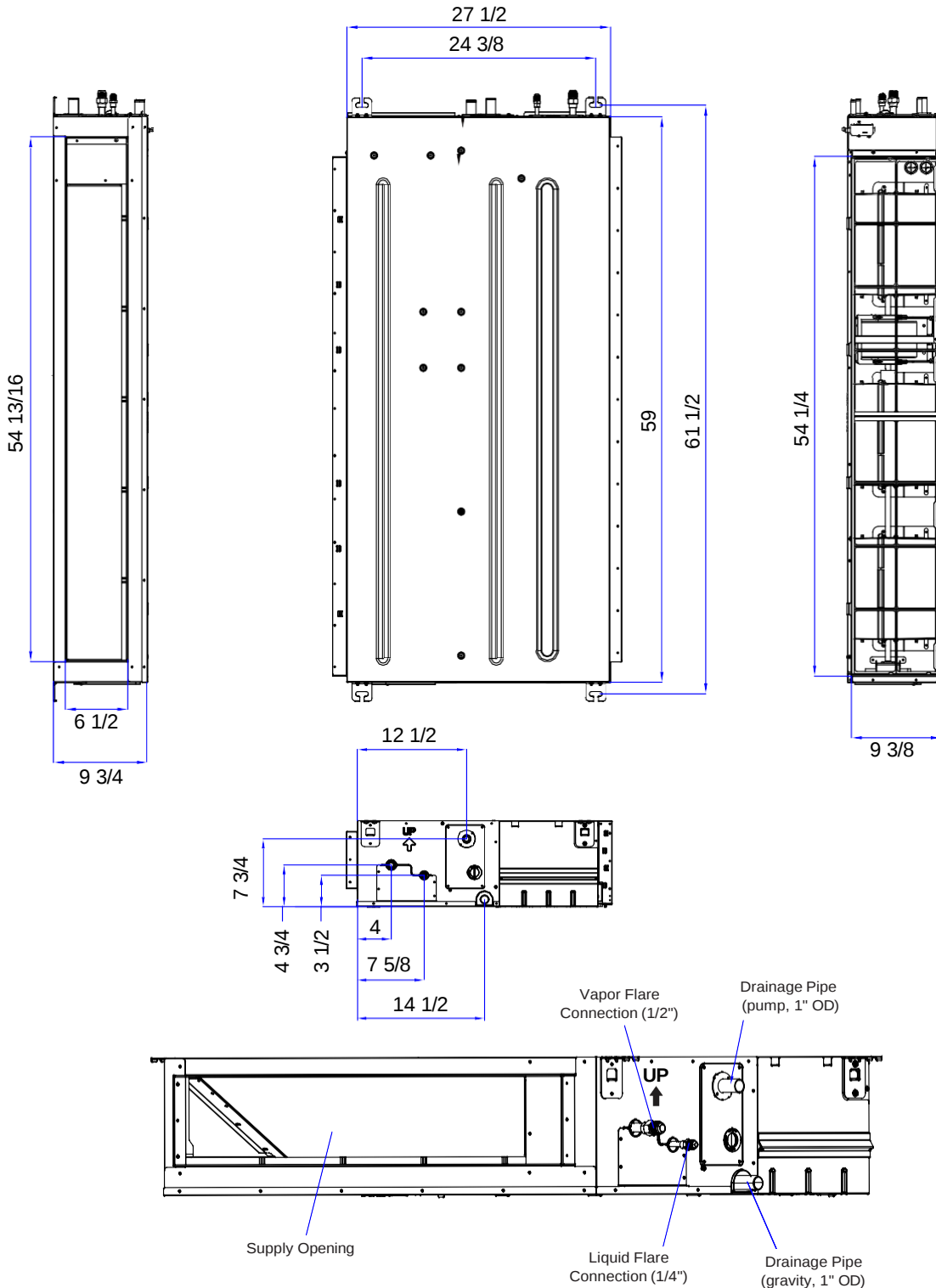
Dimensions (unit: in.)

Return Air Opening (Inlet)

54 1/4" x 9 3/8"

Supply Air Opening (Outlet)

54 13/16" x 6 1/2"



MVAM054ME2AA

Med. Static Pressure Duct Indoor Unit
54,000 Btu/h

Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction



Specifications

Performance¹

Cooling Capacity	54,000 Btu/h
Heating Capacity	60,000 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	1.6 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	1.93 A
Running Current, Heating	1.93 A

Fan

Type	Turbo (1)
Motor Type	BLDC
Motor Output	160 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	1412 / 1141 / 965
Airflow Rate, m³/h (H/M/L)	2400 / 1938 / 1640
Ext. Static Pressure (Rated/Max)	0.12" / 0.60"

Sound Levels

Sound Power Level, dB(A)	47 / 44 / 41
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Dimensions

Height	9 3/4" (248 mm)
Width	59" (1500 mm)
Depth	27 1/2" (700 mm)
Weight	123.5 lb. (56 kg)

Piping

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

Features and Benefits

- Multiple ESP (external static pressure) settings from 0.12 in.wg - 0.60 in.wg
- Low profile design requires less than 10" above the ceiling
- Designed for installation flexibility - easily convert from rear return to bottom return
- Built-in condensate lift pump capable of 20" (508mm) lift from 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)
- **UAMFBV59A** Filter Box

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)	54 1/4" x 9 3/8"
Supply Air Opening (Outlet)	54 13/16" x 6 1/2"

