

MVAW007MV2AA

Wall Mount Indoor Unit
7,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction

Specifications

Performance¹

Cooling Capacity	7,000 Btu/h
Heating Capacity	8,600 Btu/h

Electrical

Voltage (V / Ø / Hz)	230 / 1 / 60
Minimum Circuit Ampacity (MCA)	0.18 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.14 A
Running Current, Heating	0.14 A

Fan

Type	Cross Flow
Motor Type	BLDC
Motor Output	30 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	324 / 282 / 247
Airflow Rate, m ³ /h (H/M/L)	550 / 479 / 419

Sound Levels

Sound Power Level, dB(A)	35 / 31 / 29
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Dimensions

Height	11" (280 mm)
Width	33 11/16" (855 mm)
Depth	7 7/8" (200 mm)
Weight	23.1 lb. (10.5 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	1/4" Flare
Refrigerant - Vapor	1/2" Flare
Condensate Drain Outlet	5/8" OD

Features and Benefits

- Sleek design with LED display
- Motorized left/right louver control
- Motorized up/down louver control
- Wired controller connection without the need of additional components
- Low sound levels

Optional Accessories and Controls

- ☐ YR-E16B Programmable Wired Controller
- ☐ QACT17A Non-Programmable Wired Controller
- ☐ YR-HBS01 Wireless Remote Controller
- ☐ YR-HG Wireless Remote Controller

Notes

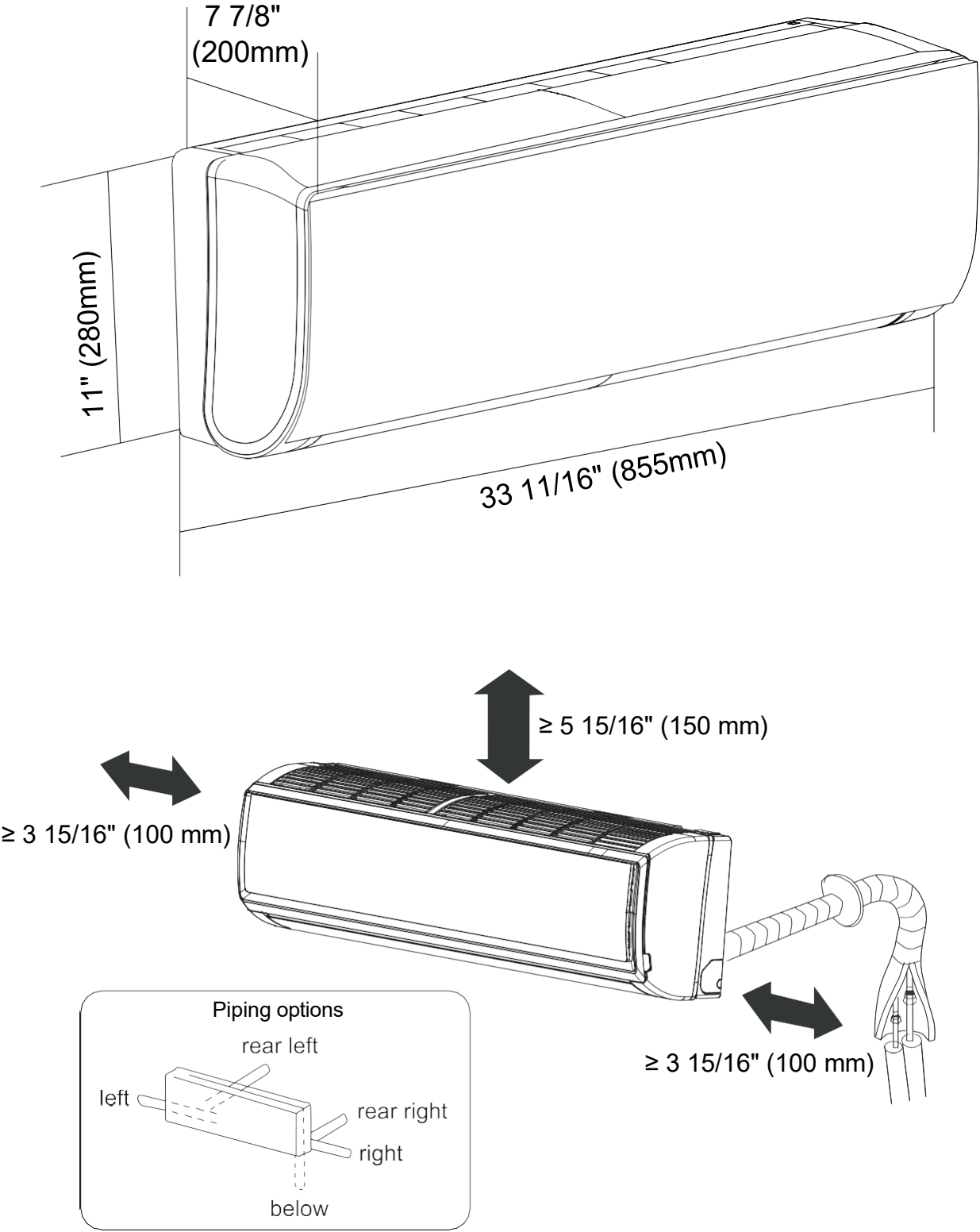
1. Cooling and heating capacities are based on the following temperatures:
Cooling Indoor: 80°F (26.7°C) DB, 67°F (19.4°C) WB
Cooling Outdoor: 95°F (35°C) DB
Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.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

MRV5
DC INVERTER

MRV-S
SERIES



Dimensional Drawings



MVAW009MV2AA

Wall Mount Indoor Unit
9,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction

Specifications

Performance¹

Cooling Capacity	9,000 Btu/h
Heating Capacity	10,600 Btu/h

Electrical

Voltage (V / Ø / Hz)	230 / 1 / 60
Minimum Circuit Ampacity (MCA)	0.18 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.14 A
Running Current, Heating	0.14 A

Fan

Type	Cross Flow
Motor Type	BLDC
Motor Output	30 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	353 / 312 / 276
Airflow Rate, m ³ /h (H/M/L)	600 / 530 / 468

Sound Levels

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

Height	11" (280 mm)
Width	33 11/16" (855 mm)
Depth	7 7/8" (200 mm)
Weight	23.1 lb. (10.5 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	1/4" Flare
Refrigerant - Vapor	1/2" Flare
Condensate Drain Outlet	5/8" OD

Features and Benefits

- Sleek design with LED display
- Motorized left/right louver control
- Motorized up/down louver control
- Wired controller connection without the need of additional components
- Low sound levels

Optional Accessories and Controls

- ☐ YR-E16B Programmable Wired Controller
- ☐ QACT17A Non-Programmable Wired Controller
- ☐ YR-HBS01 Wireless Remote Controller
- ☐ YR-HG Wireless Remote Controller

Notes

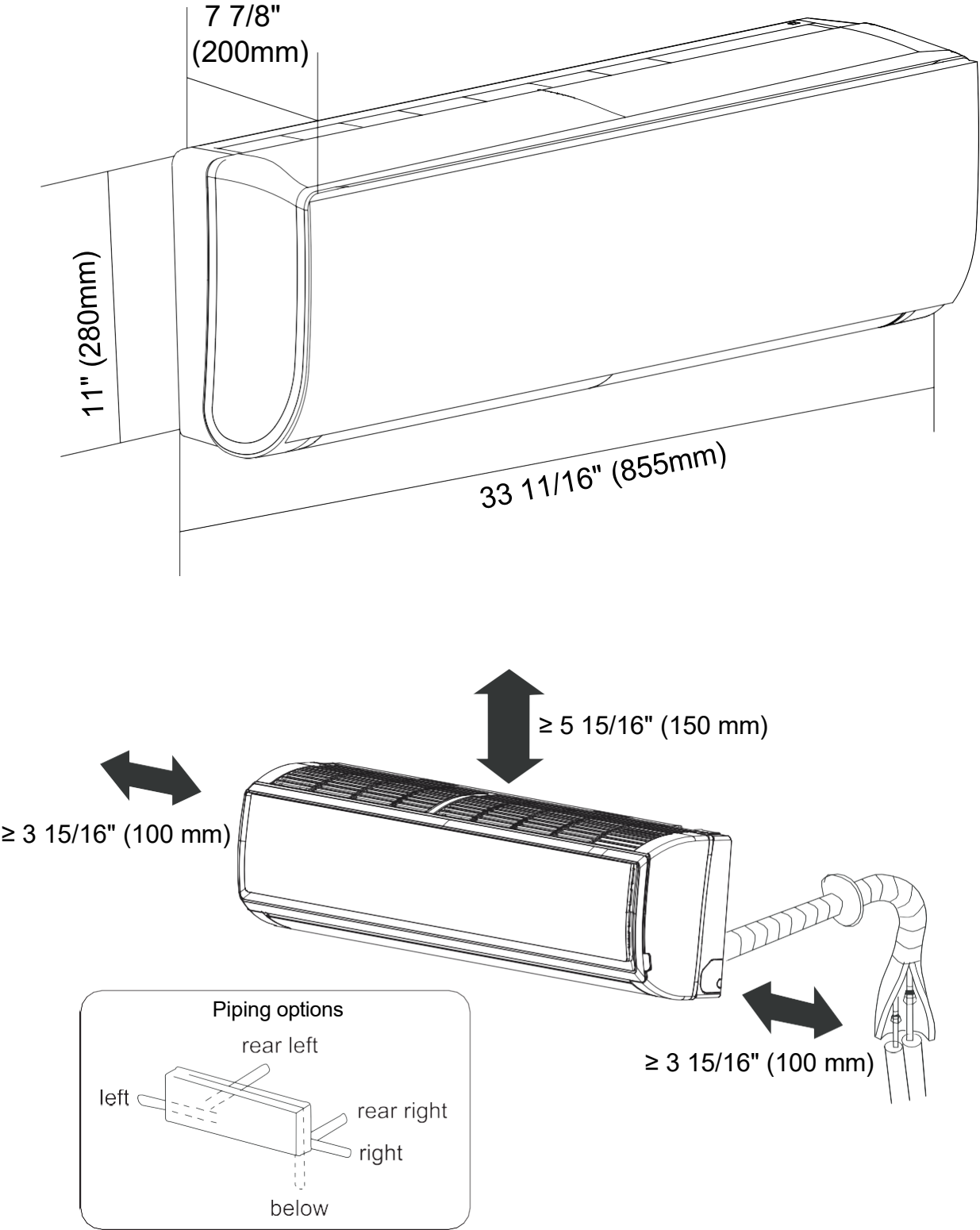
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Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

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SERIES



Dimensional Drawings



MVAW012MV2AA

Wall Mount Indoor Unit
12,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction

Specifications

Performance¹

Cooling Capacity	12,000 Btu/h
Heating Capacity	13,600 Btu/h

Electrical

Voltage (V / Ø / Hz)	230 / 1 / 60
Minimum Circuit Ampacity (MCA)	0.18 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.14 A
Running Current, Heating	0.14 A

Fan

Type	Cross Flow
Motor Type	BLDC
Motor Output	30 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	371 / 329 / 294
Airflow Rate, m ³ /h (H/M/L)	630 / 558 / 500

Sound Levels

Sound Power Level, dB(A)	37 / 33 / 29
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Dimensions

Height	11" (280 mm)
Width	33 11/16" (855 mm)
Depth	7 7/8" (200 mm)
Weight	23.1 lb. (10.5 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	1/4" Flare
Refrigerant - Vapor	1/2" Flare
Condensate Drain Outlet	5/8" OD

Features and Benefits

- Sleek design with LED display
- Motorized left/right louver control
- Motorized up/down louver control
- Wired controller connection without the need of additional components
- Low sound levels

Optional Accessories and Controls

- ☐ YR-E16B Programmable Wired Controller
- ☐ QACT17A Non-Programmable Wired Controller
- ☐ YR-HBS01 Wireless Remote Controller
- ☐ YR-HG Wireless Remote Controller

Notes

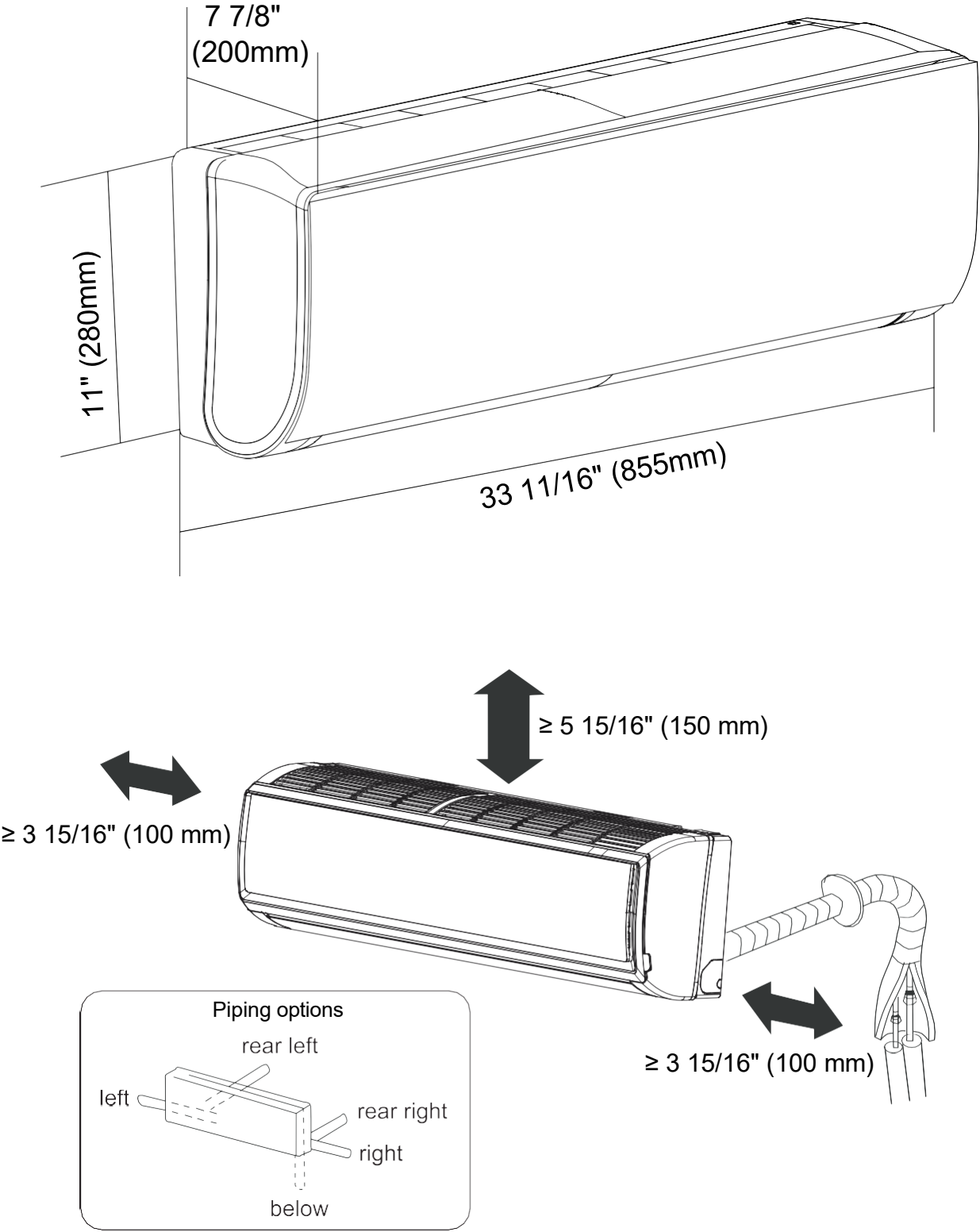
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Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

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Dimensional Drawings



MVAW018MV2AA

Wall Mount 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 Ampacity (MCA)	0.26 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.2 A
Running Current, Heating	0.2 A

Fan

Type	Cross Flow
Motor Type	BLDC
Motor Output	40 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	541 / 471 / 424
Airflow Rate, m ³ /h (H/M/L)	919 / 800 / 720

Sound Levels

Sound Power Level, dB(A)	40 / 39 / 35
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Dimensions

Height	13 1/4" (336 mm)
Width	43 7/8" (1115 mm) 9
Depth	9/16" (270 mm)
Weight	36.4 lb. (16.5 kg)

Piping

Refrigerant Type	R410A
Refrigerant - Liquid	1/4" Flare
Refrigerant - Vapor	1/2" Flare
Condensate Drain Outlet	5/8" OD

Features and Benefits

- Sleek design with LED display
- Motorized left/right louver control
- Motorized up/down louver control
- Wired controller connection without the need of additional components
- Low sound levels

Optional Accessories and Controls

- ☐ **YR-E16B** Programmable Wired Controller
- ☐ **QACT17A** Non-Programmable Wired Controller
- ☐ **YR-HBS01** Wireless Remote Controller
- ☐ **YR-HG** Wireless Remote Controller

Notes

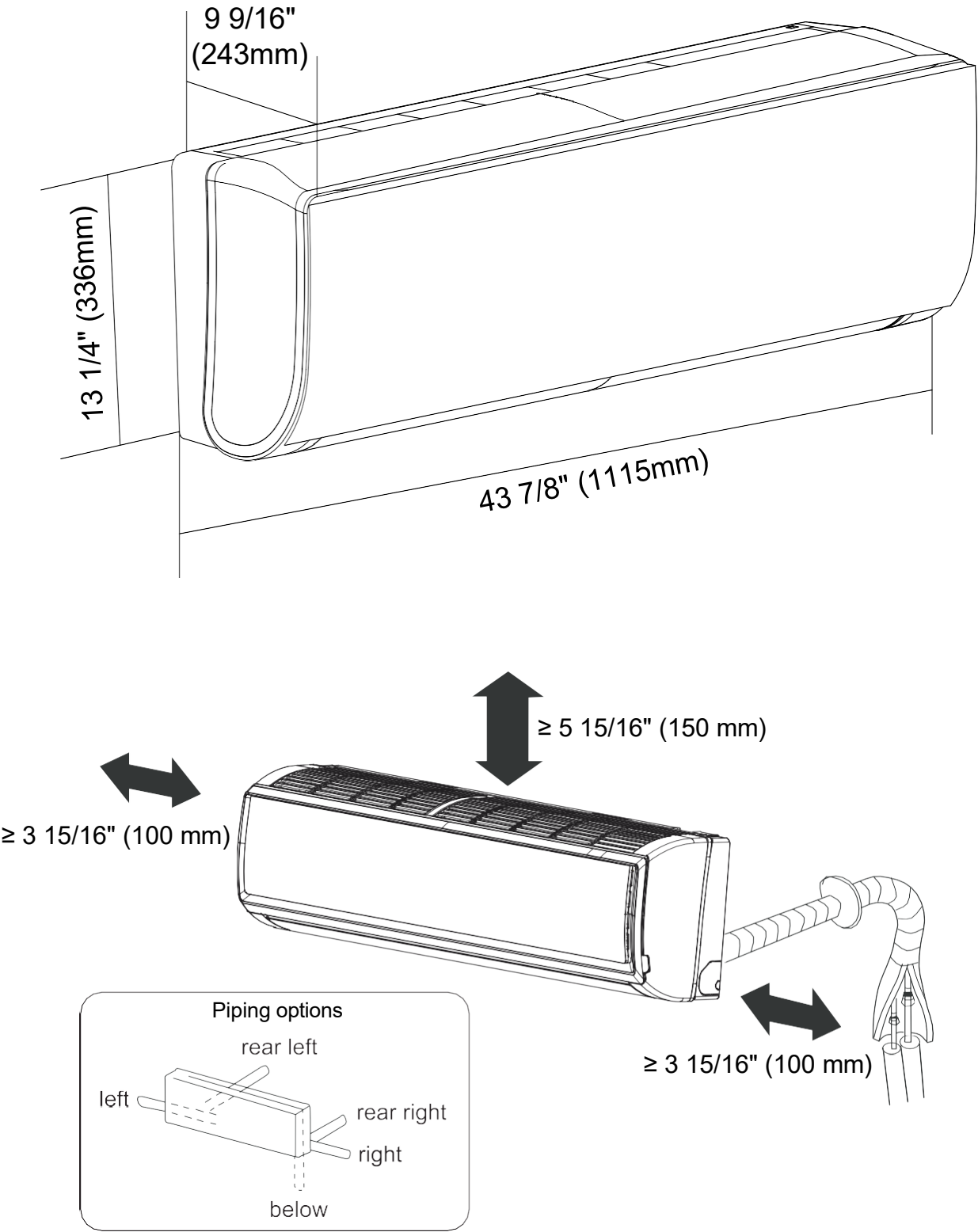
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Heating Indoor: 70°F (21.1°C) DB
Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

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SERIES



Dimensional Drawings



MVAW024MV2AA

Wall Mount 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 Ampacity (MCA)	0.24 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.2 A
Running Current, Heating	0.2 A

Fan

Type	Cross Flow
Motor Type	BLDC
Motor Output	40 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	594 / 541 / 471
Airflow Rate, m ³ /h (H/M/L)	1009 / 919 / 800

Sound Levels

Sound Power Level, dB(A)	44 / 40 / 36
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Dimensions

Height	13 1/4" (336 mm)
Width	43 7/8" (1115 mm)
Depth	10 5/8" (270 mm)
Weight	36.4 lb. (16.5 kg)

Piping

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

Features and Benefits

- Sleek design with LED display
- Motorized left/right louver control
- Motorized up/down louver control
- Wired controller connection without the need of additional components
- Low sound levels

Optional Accessories and Controls

- ☐ **YR-E16B** Programmable Wired Controller
- ☐ **QACT17A** Non-Programmable Wired Controller
- ☐ **YR-HBS01** Wireless Remote Controller
- ☐ **YR-HG** Wireless Remote Controller

Notes

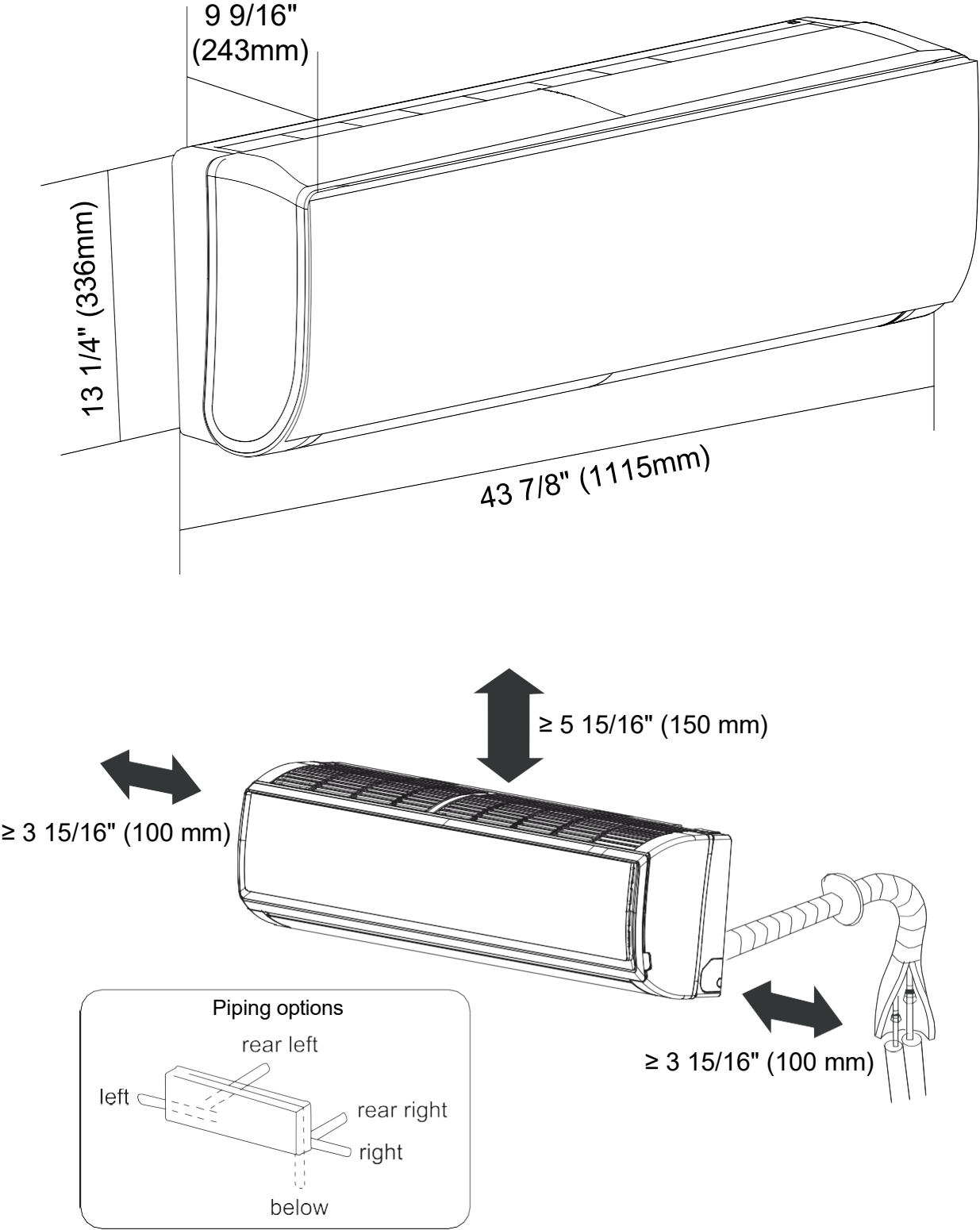
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Heating Outdoor: 47°F (8.3°C) WB, 43°F (6.1°C) WB
2. Refer to installation manual for complete installation requirements.
3. Unit ships charged with dry nitrogen.

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SERIES



Dimensional Drawings



MVAW030MV2AA

Wall Mount Indoor Unit
30,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

☐ Reference ☐ Approval ☐ Construction

Specifications

Performance¹

Cooling Capacity	30,000 Btu/h
Heating Capacity	34,000 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampacity (MCA)	0.4 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.33 A
Running Current, Heating	0.33 A

Fan

Type	Cross Flow
Motor Type	BLDC
Motor Output	70 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	941 / 882 / 824
Airflow Rate, m ³ /h (H/M/L)	1599 / 1499 / 1400

Sound Levels

Sound Power Level, dB(A)	49 / 44 / 41
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Dimensions

Height	14 1/4" (365 mm)
Width	51 13/16" (1316 mm)
Depth	10 5/8" (270 mm)
Weight	47.4 lb. (21.5 kg)

Piping

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

Features and Benefits

- Sleek design with LED display
- Motorized left/right louver control
- Motorized up/down louver control
- Wired controller connection without the need of additional components
- Low sound levels

Optional Accessories and Controls

- ☐ **YR-E16B** Programmable Wired Controller
- ☐ **QACT17A** Non-Programmable Wired Controller
- ☐ **YR-HBS01** Wireless Remote Controller
- ☐ **YR-HG** Wireless Remote Controller

Notes

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SERIES



Dimensional Drawings

