

MVAL009MV2AA

MRV S Large 4 Way Cassette
Indoor Unit 9,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

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

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.39 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.52 A
Running Current, Heating	0.52 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	22 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	1000 / 810 / 620
Airflow Rate, m ³ /h (H/M/L)	1699 / 1376 / 1053

Sound Levels

Sound Power Level, dB(A)	30 / 27 / 25
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Dimensions

Height	7 3/16" (183 mm)
Width	33 1/16" (840 mm)
Depth	33 1/16" (840 mm)
Weight	76.1 lb. (34.5 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Six adjustable louver positions
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-950KC Panel

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.

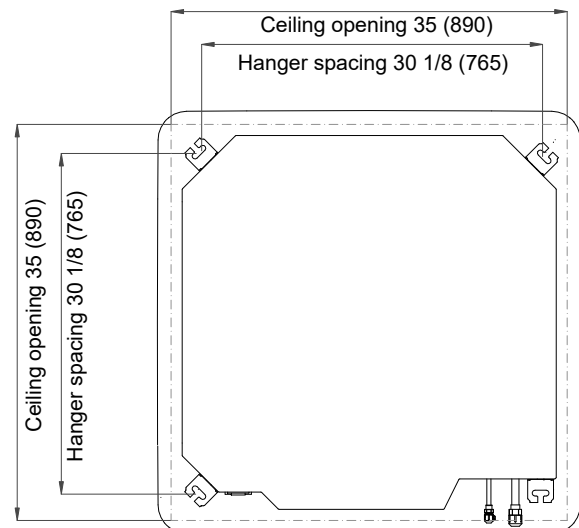
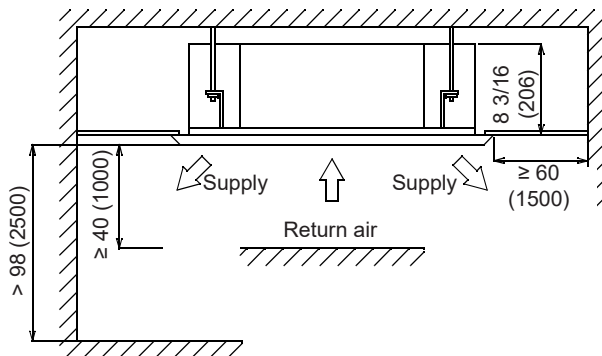
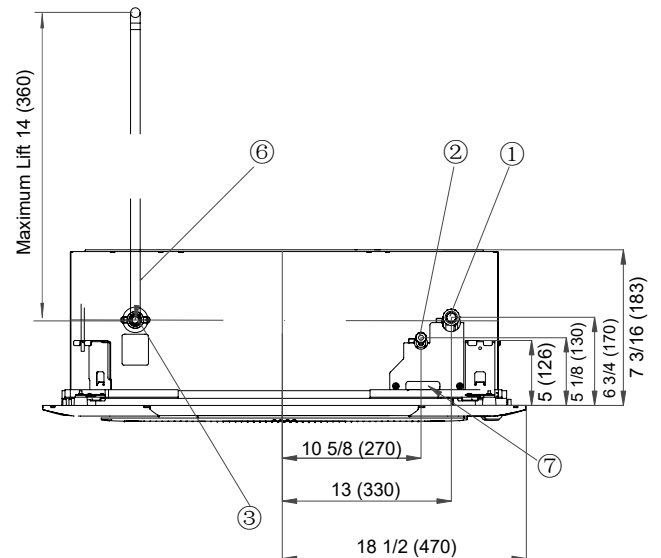
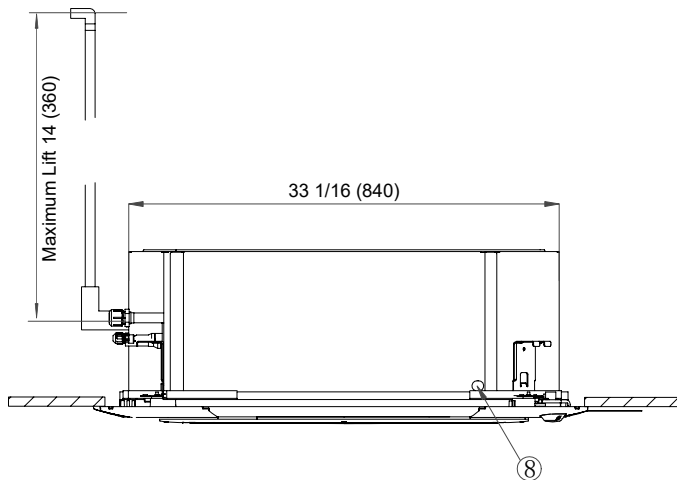
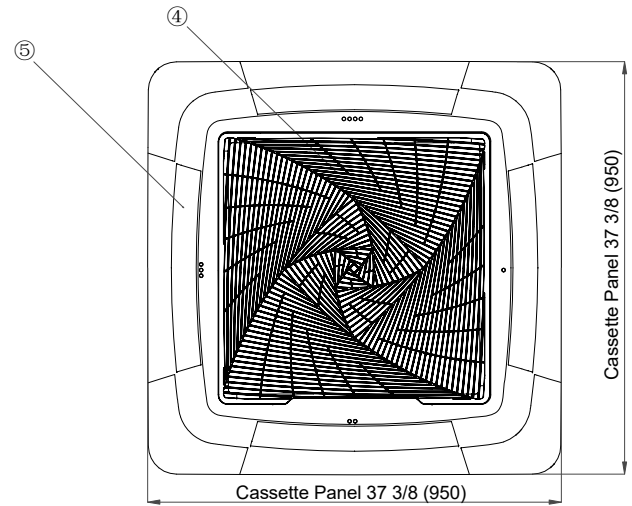
MRV-S
SERIES



Dimensional Drawings

Dimensions: inch (mm)

Code	Name
1	Gas flare connection
2	Liquid flare connection
3	Drain outlet
4	Return grille
5	Supply louver
6	Drain pipe
7	Power wire inlet
8	PQ comm. inlet



MVAL012MV2AA

MRV S Large 4 Way Cassette 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)	0.39 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.52 A
Running Current, Heating	0.52 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	22 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	1000 / 810 / 620
Airflow Rate, m ³ /h (H/M/L)	1699 / 1376 / 1053

Sound Levels

Sound Power Level, dB(A)	30 / 27 / 25
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Dimensions

Height	7 3/16" (183 mm)
Width	33 1/16" (840 mm)
Depth	33 1/16" (840 mm)
Weight	76.1 lb. (34.5 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Six adjustable louver positions
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-950KC Panel

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.

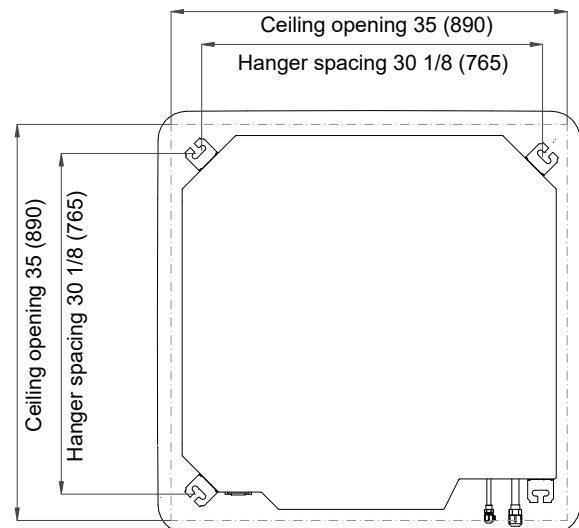
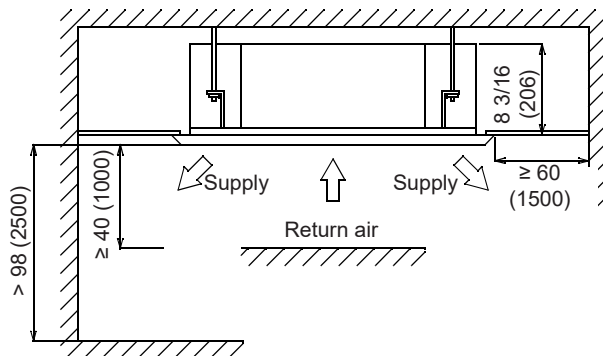
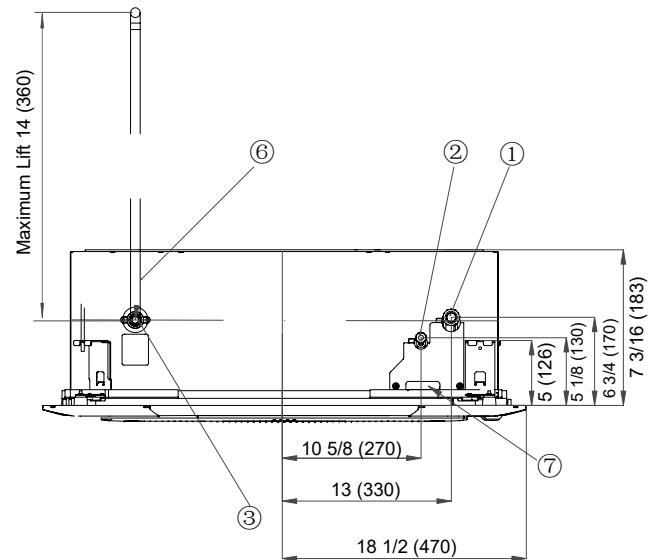
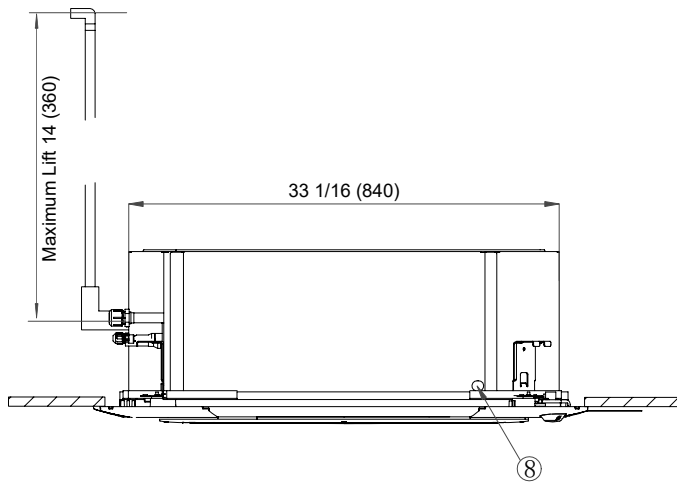
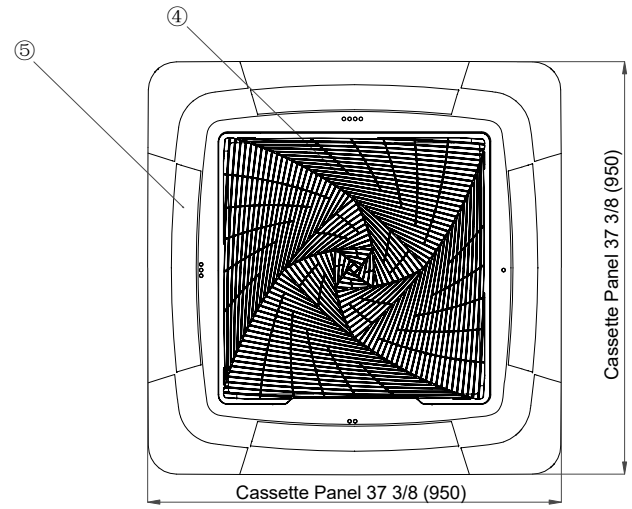
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Dimensional Drawings

Dimensions: inch (mm)

Code	Name
1	Gas flare connection
2	Liquid flare connection
3	Drain outlet
4	Return grille
5	Supply louver
6	Drain pipe
7	Power wire inlet
8	PQ comm. inlet



MVAL018MV2AA

MRV S Large 4 Way Cassette Indoor Unit
18,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

Cooling Capacity	19,000 Btu/h
Heating Capacity	21,000 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.39 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.86 A
Running Current, Heating	0.86 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	22 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	1000 / 810 / 620
Airflow Rate, m ³ /h (H/M/L)	1699 / 1376 / 1053

Sound Levels

Sound Power Level, dB(A)	33 / 30 / 29
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Dimensions

Height	7 3/16" (183 mm)
Width	33 1/16" (840 mm)
Depth	33 1/16" (840 mm)
Weight	76.1 lb. (34.5 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Six adjustable louver positions
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-950KC Panel

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.

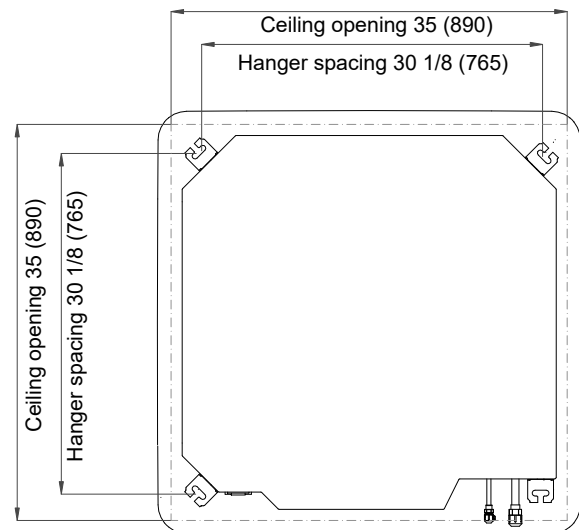
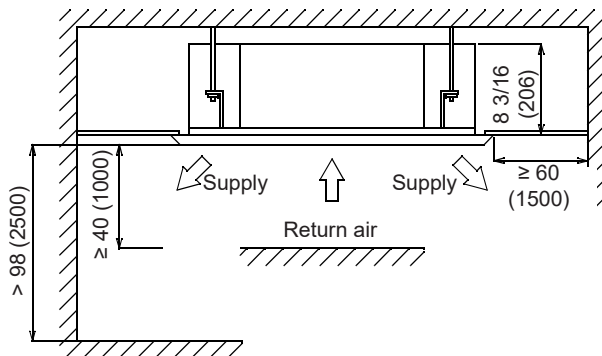
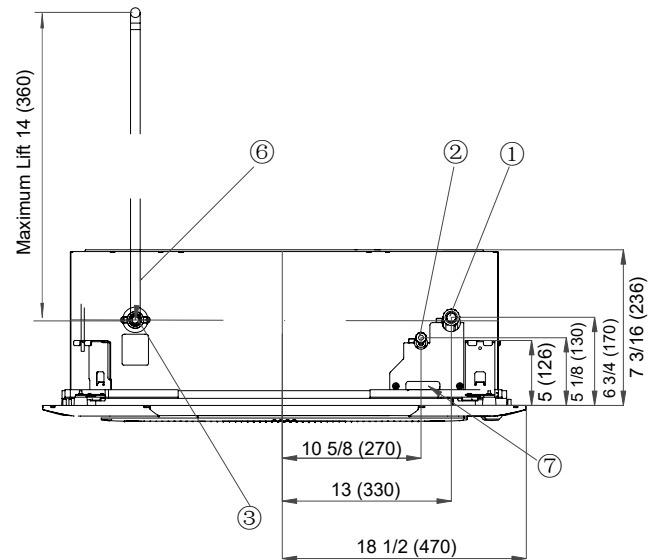
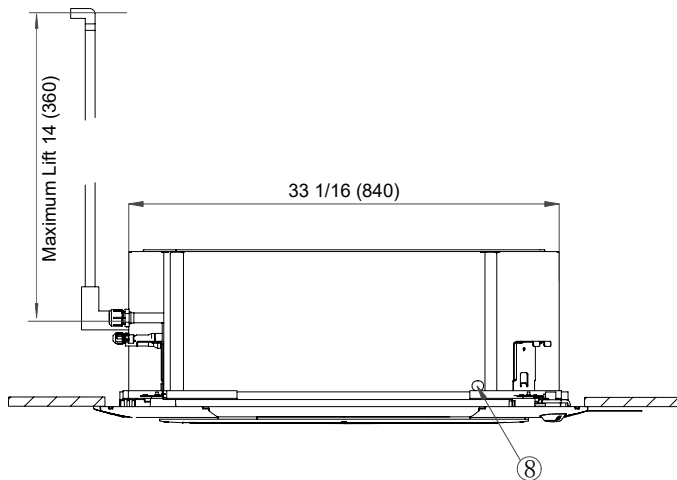
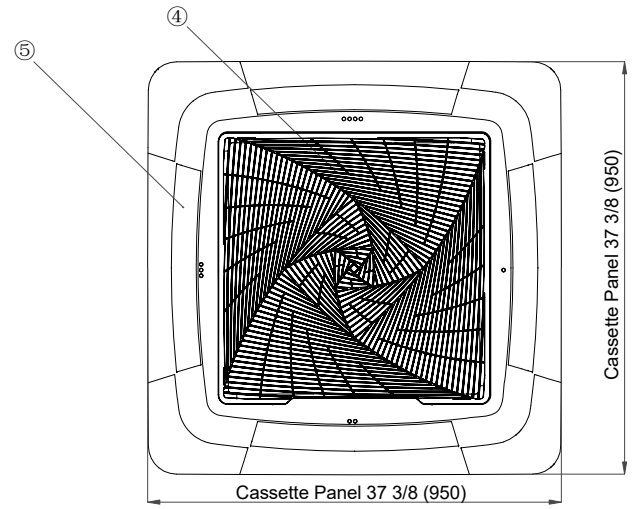
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Dimensional Drawings

Dimensions: inch (mm)

Code	Name
1	Gas flare connection
2	Liquid flare connection
3	Drain outlet
4	Return grille
5	Supply louver
6	Drain pipe
7	Power wire inlet
8	PQ comm. inlet



MVAL024MV2AA

MRV S Large 4 Way Cassette 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)	0.39 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.86 A
Running Current, Heating	0.86 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	36 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	1380 / 1190 / 1000
Airflow Rate, m ³ /h (H/M/L)	2345 / 2021 / 1699

Sound Levels

Sound Power Level, dB(A)	35 / 34 / 31
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Dimensions

Height	8 1/16" (204 mm)
Width	33 1/16" (840 mm)
Depth	33 1/16" (840 mm)
Weight	78.3 lb. (35.5 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Six adjustable louver positions
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-950KC Panel

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.

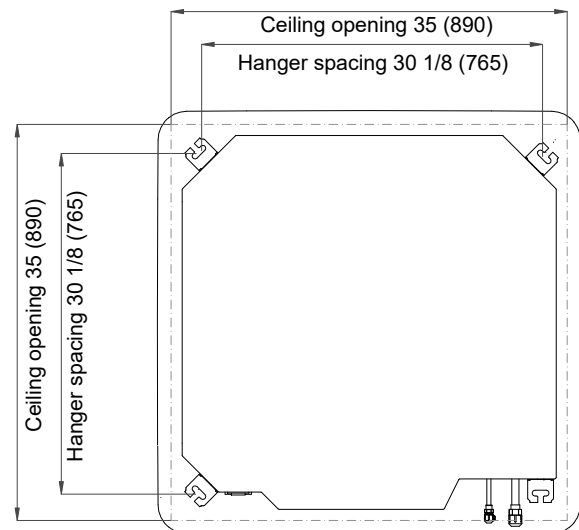
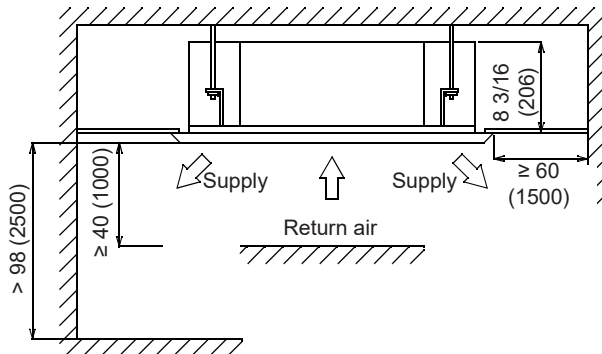
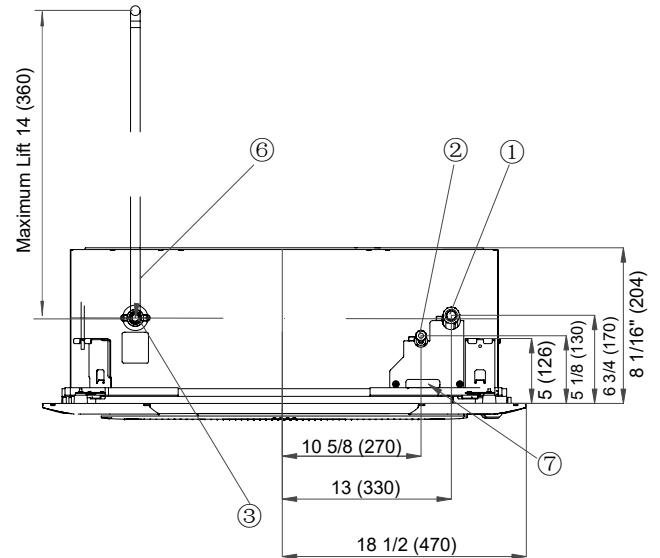
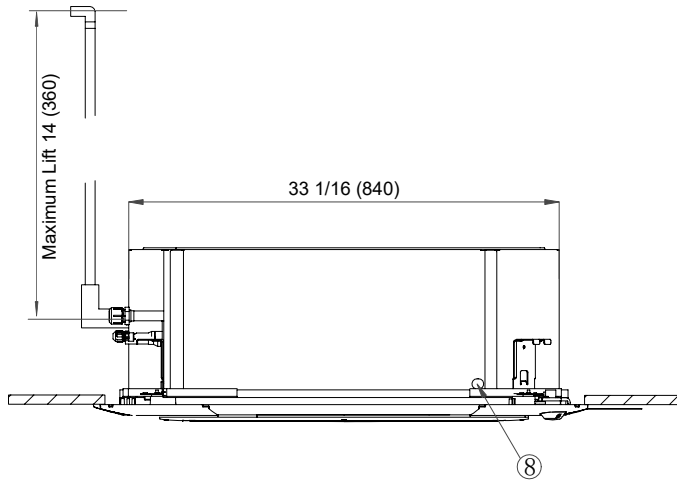
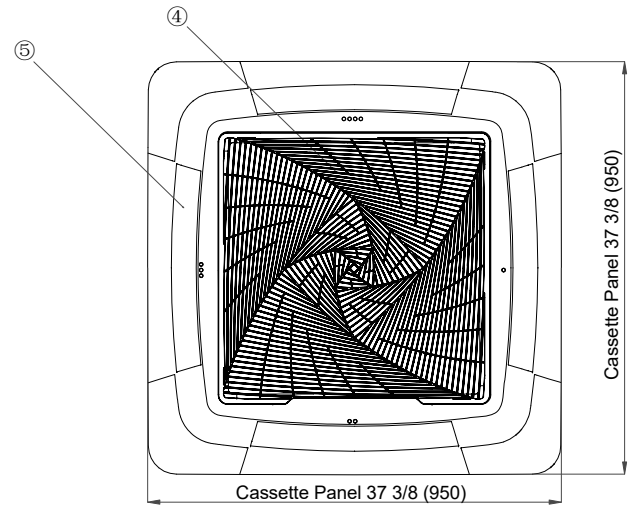
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Dimensional Drawings

Dimensions: inch (mm)

Code	Name
1	Gas flare connection
2	Liquid flare connection
3	Drain outlet
4	Return grille
5	Supply louver
6	Drain pipe
7	Power wire inlet
8	PQ comm. inlet



MVAL030MV2AA

MRV S Large 4 Way Cassette 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 Ampcity (MCA)	0.71 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.86 A
Running Current, Heating	0.86 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	63 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	2050 / 1860 / 1670
Airflow Rate, m ³ /h (H/M/L)	3483 / 3160 / 2837

Sound Levels

Sound Power Level, dB(A)	37 / 35 / 31
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Dimensions

Height	9 11/16" (246 mm)
Width	33 1/16" (840 mm)
Depth	33 1/16" (840 mm)
Weight	89.3 lb. (40.5 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Six adjustable louver positions
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-950KC Panel

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.

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SERIES



Dimensional Drawings

Dimensions: inch (mm)

Code	Name
1	Gas flare connection
2	Liquid flare connection
3	Drain outlet
4	Return grille
5	Supply louver
6	Drain pipe
7	Power wire inlet
8	PQ comm. inlet

