

MVAB005MV2AA

Compact Cassette Indoor Unit
5,000 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

Cooling Capacity	5,000 Btu/h
Heating Capacity	5,800 Btu/h

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.25 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.2 A
Running Current, Heating	0.2A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	26 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	650 / 520 / 450
Airflow Rate, m ³ /h (H/M/L)	1105 / 883 / 765

Sound Levels

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

Height	10 1/4" (260 mm)
Width	22 7/16" (570 mm)
Depth	22 7/16" (570 mm)
Weight	49.8 lb. (22.6 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Panel dimensions do not overlap adjacent ceiling tiles
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-620KB 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.

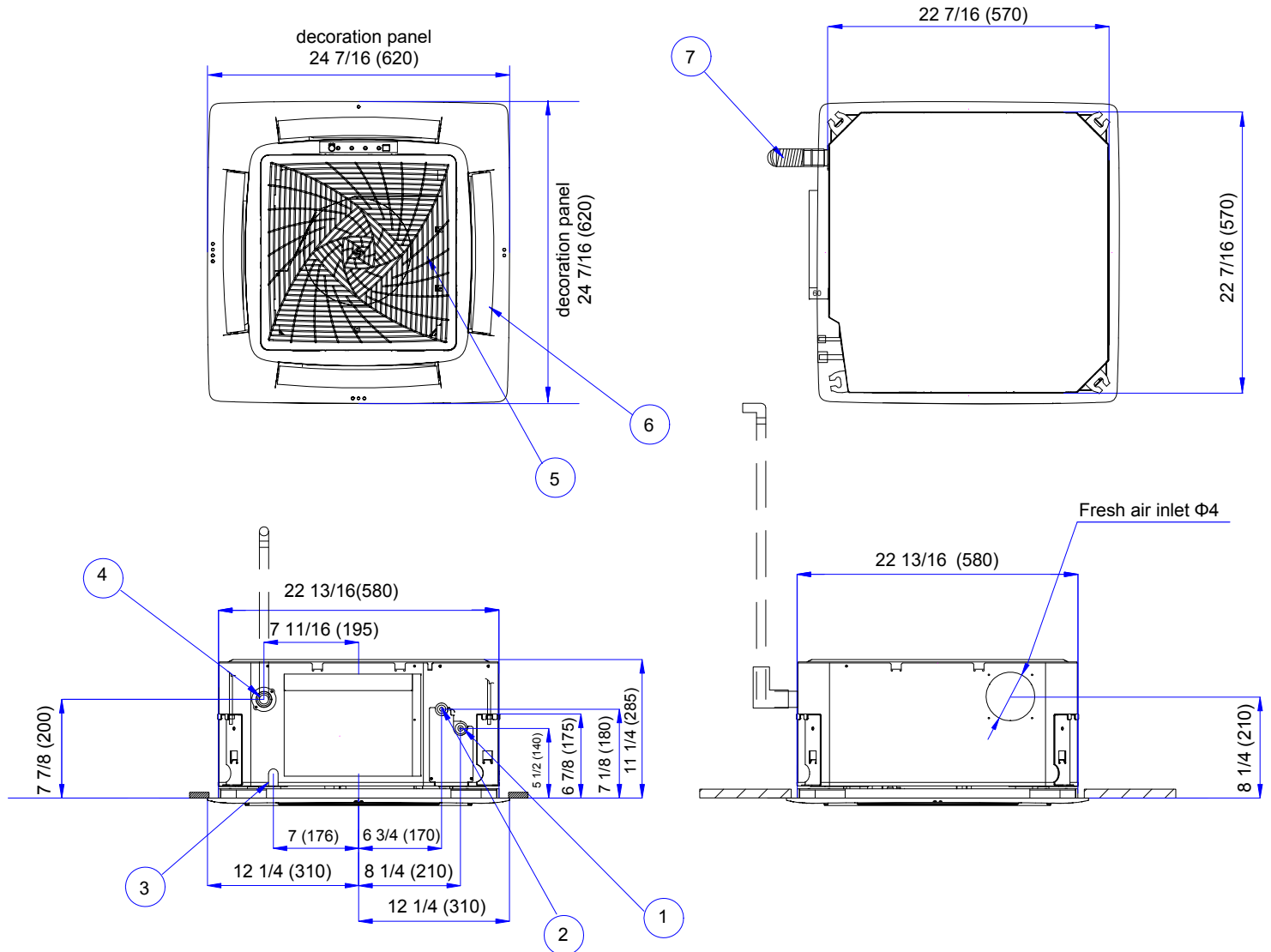
MRV5
DC INVERTER

MRV-S
SERIES



Dimensional Drawings

Dimensions: inch (mm)



No.	Name
1	Gas flare connection
2	Liquid flare connection
3	Wiring connection
4	Drain connection
5	Return inlet
6	Supply outlet
7	Drain hose

MVAB007MV2AA

Compact Cassette Indoor
Unit 7,500 Btu/h



Job Name: _____

Location: _____

Date: _____

Tag: _____

Reference

Approval

Construction

Specifications

Performance¹

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

Electrical

Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	0.25 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.2 A
Running Current, Heating	0.2 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	26 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	680 / 560 / 465
Airflow Rate, m ³ /h (H/M/L)	1155 / 951 / 790

Sound Levels

Sound Power Level, dB(A)	44 / 42 / 41
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Dimensions

Height	10 1/4" (260 mm)
Width	22 7/16" (570 mm)
Depth	22 7/16" (570 mm)
Weight	49.8 lb. (22.6 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Panel dimensions do not overlap adjacent ceiling tiles
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-620KB 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.

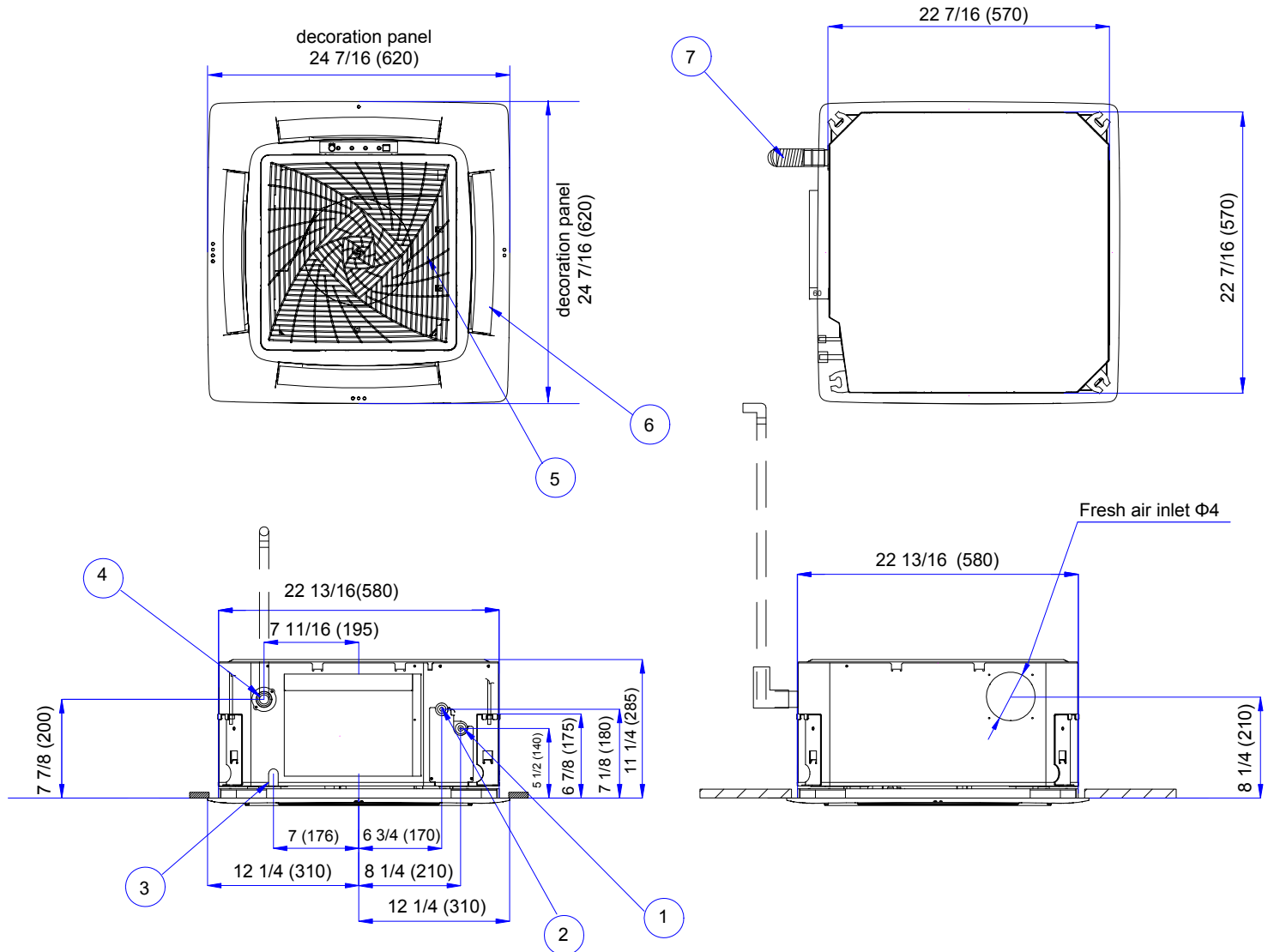
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DC INVERTER

MRV-S
SERIES



Dimensional Drawings

Dimensions: inch (mm)



No.	Name
1	Gas flare connection
2	Liquid flare connection
3	Wiring connection
4	Drain connection
5	Return inlet
6	Supply outlet
7	Drain hose

MVAB009MV2AA

Compact 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)	0.33 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.26 A
Running Current, Heating	0.26 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	26 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	700 / 590 / 480
Airflow Rate, m ³ /h (H/M/L)	1190 / 1002 / 815

Sound Levels

Sound Power Level, dB(A)	32 / 30 / 29
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Dimensions

Height	10 1/4" (260 mm)
Width	22 7/16" (570 mm)
Depth	22 7/16" (570 mm)
Weight	49.8 lb. (22.6 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Panel dimensions do not overlap adjacent ceiling tiles
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-620KB 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.

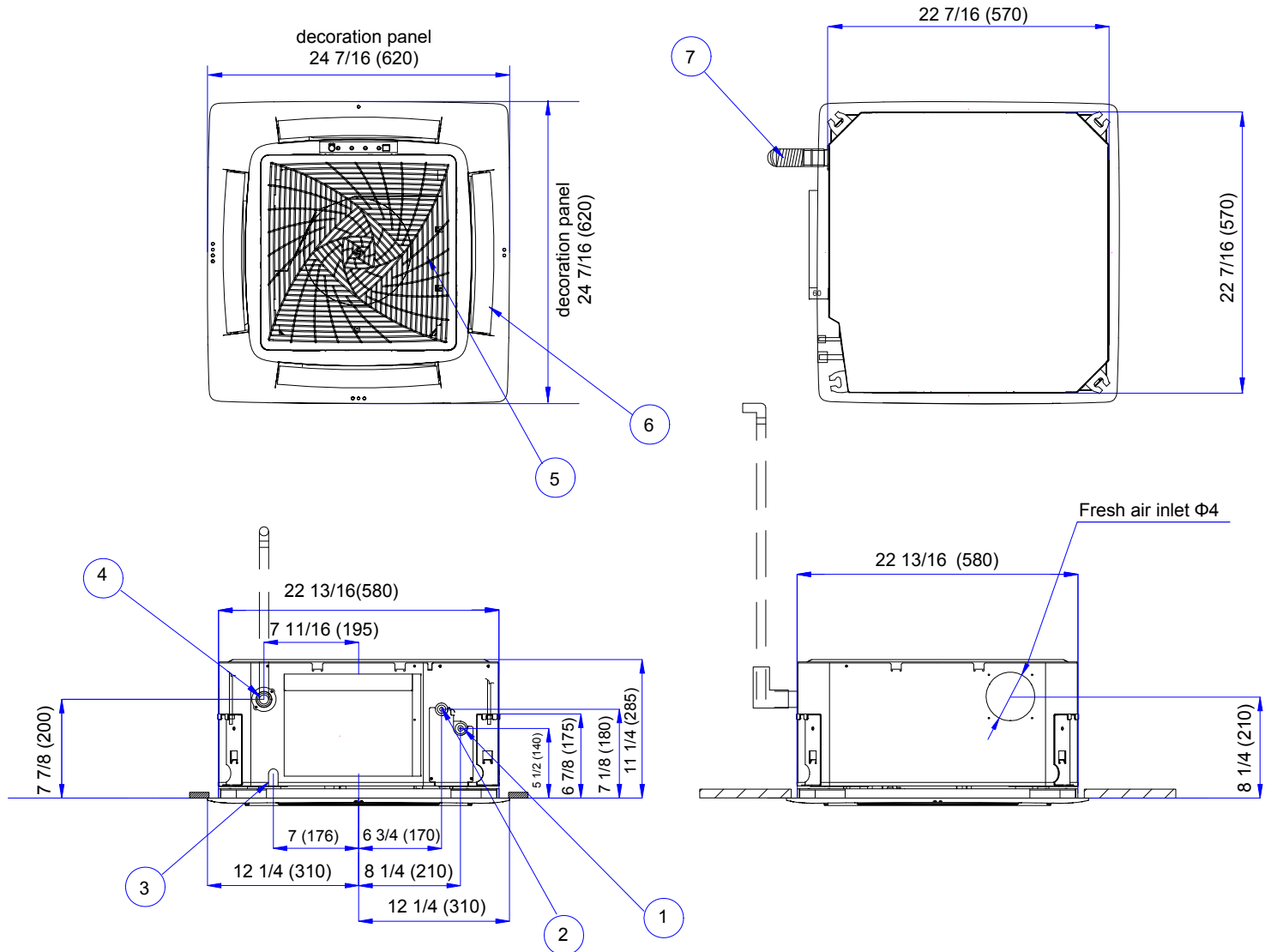
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SERIES



Dimensional Drawings

Dimensions: inch (mm)



No.	Name
1	Gas flare connection
2	Liquid flare connection
3	Wiring connection
4	Drain connection
5	Return inlet
6	Supply outlet
7	Drain hose

MVAB012MV2AA

Compact 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)	0.33 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.26 A
Running Current, Heating	0.26 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	26 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	700 / 590 / 480
Airflow Rate, m ³ /h (H/M/L)	1190 / 1002 / 815

Sound Levels

Sound Power Level, dB(A)	32 / 30 / 29
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Dimensions

Height	10 1/4" (260 mm)
Width	22 7/16" (570 mm)
Depth	22 7/16" (570 mm)
Weight	54.2 lb. (24.6 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Panel dimensions do not overlap adjacent ceiling tiles
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-620KB 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.

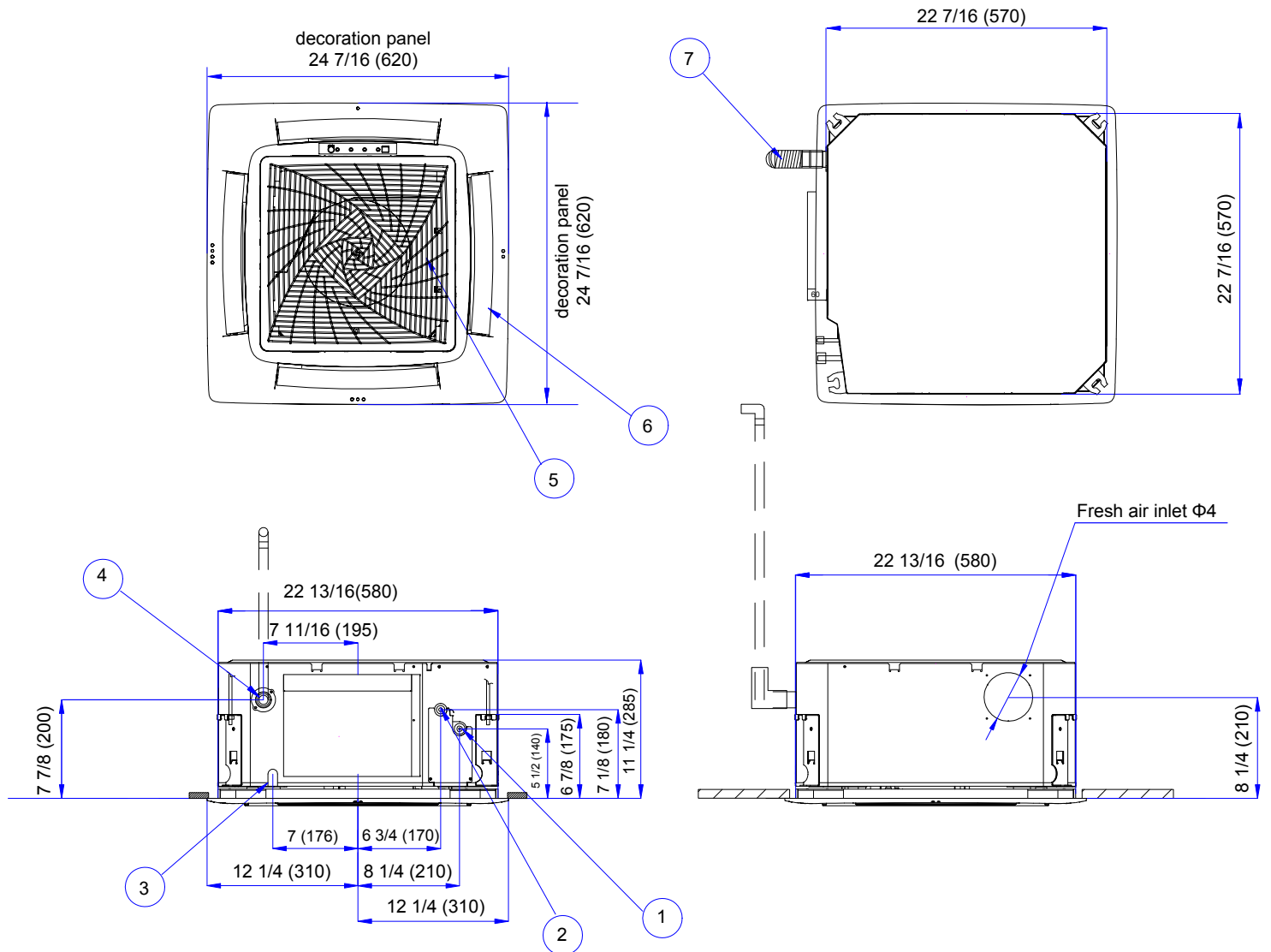
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Dimensional Drawings

Dimensions: inch (mm)



No.	Name
1	Gas flare connection
2	Liquid flare connection
3	Wiring connection
4	Drain connection
5	Return inlet
6	Supply outlet
7	Drain hose

MVAB018MV2AA

Compact Cassette Indoor Unit
19,000 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)	0.33 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	0.26 A
Running Current, Heating	0.26 A

Fan

Type	Single Turbo
Motor Type	BLDC
Motor Output	26 Watts
Number of Speeds	3 + Auto
Airflow Rate, CFM (H/M/L)	700 / 590 / 480
Airflow Rate, m ³ /h (H/M/L)	1190 / 1002 / 815

Sound Levels

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

Height	10 1/4" (260 mm)
Width	22 7/16" (570 mm)
Depth	22 7/16" (570 mm)
Weight	54.2 lb. (24.6 kg)

Piping

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

Features and Benefits

- 4-way airflow with stylish panel design
- Panel dimensions do not overlap adjacent ceiling tiles
- Built-in condensate lift pump capable of 14" (360mm) lift from drain outlet.
- Low sound levels

Required Accessories

PB-620KB 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.

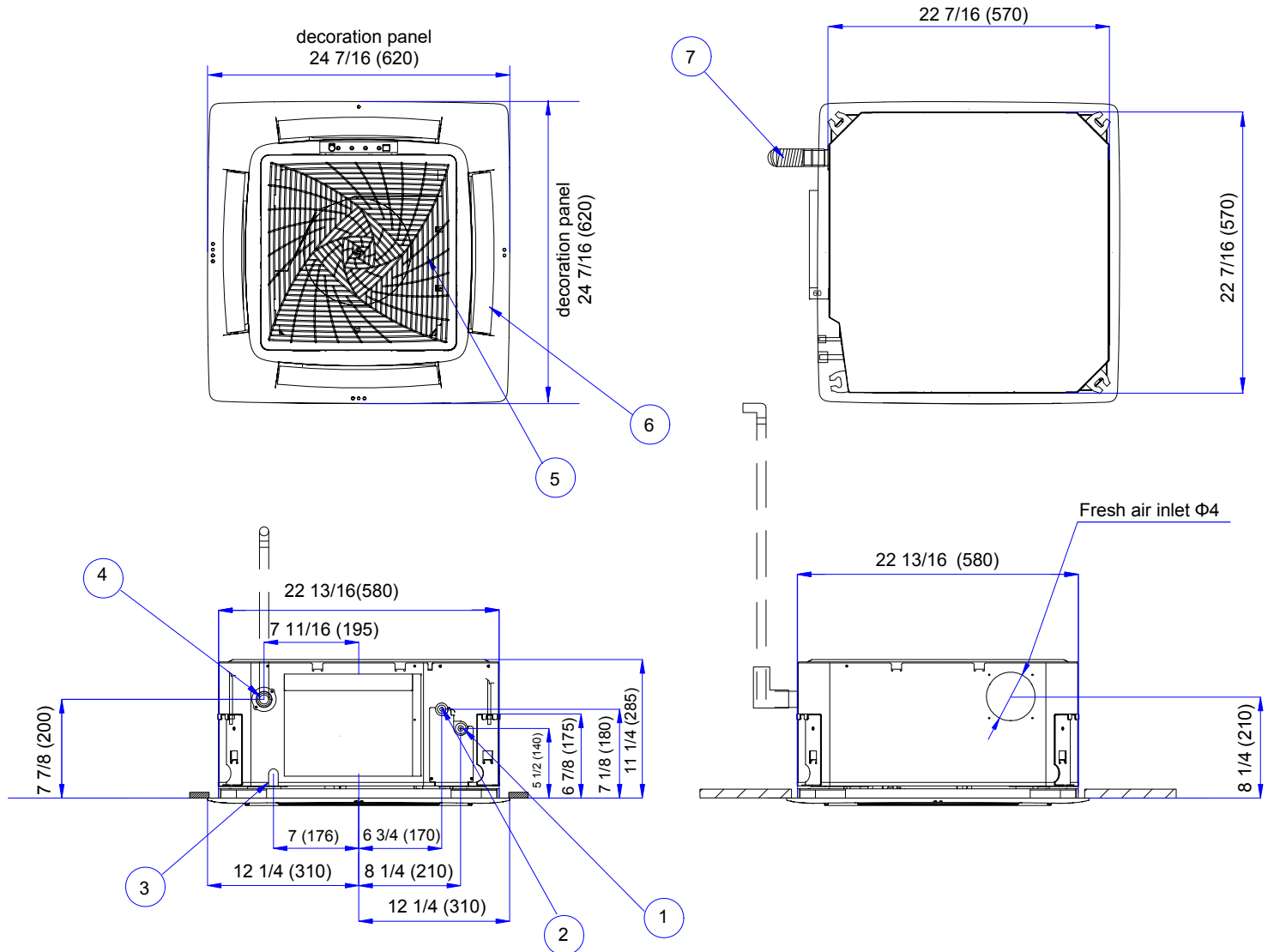
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DC INVERTER

MRV-S
SERIES



Dimensional Drawings

Dimensions: inch (mm)



No.	Name
1	Gas flare connection
2	Liquid flare connection
3	Wiring connection
4	Drain connection
5	Return inlet
6	Supply outlet
7	Drain hose