Haier

Submittal Data Sheet

MVAH072ME2AA

Med. Static Pressure Duct Indoor Unit
72,000 Btu/h

Job Name: _____
Location: _____
Date: _____
Tag: _____

☐ Reference ☐ Approval ☐ Construction

Specifications

Performance[1]	
Cooling Capacity	72,000 Btu/h
Heating Capacity	80,000 Btu/h
Electrical	
Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	6.2 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	4.9 A
Running Current, Heating	4.9 A
Fan	
Type	Turbo (1)
Motor Type	BLDC
Motor Output	980 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	2584/ 2524/2081/1731/1640
Airflow Rate, m^3/h (H/M/L)	4390/4288/3535/2940/2786
Max Ext. Static Pressure	1.0"
Sound Levels	
Sound Power Level, dB(A)	55 / 51 / 47
Dimensions	
Height	19 5/8" (500 mm)
Width	35 1/4" (895 mm)
Depth	52 3/8" (1330 mm)
Weight	227 lb. (103 kg)
Piping	
Refrigerant Type	R410A
Refrigerant - Liquid	1/2" Flare
Refrigerant - Vapor	7/8" Flare
Condensate Drain Outlet	1" OD

Features and Benefits

- Multiple ESP (external static pressure) settings up to 1.0 in.wg
- Low profile height design is ideal for limited ceiling space
- 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)

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.

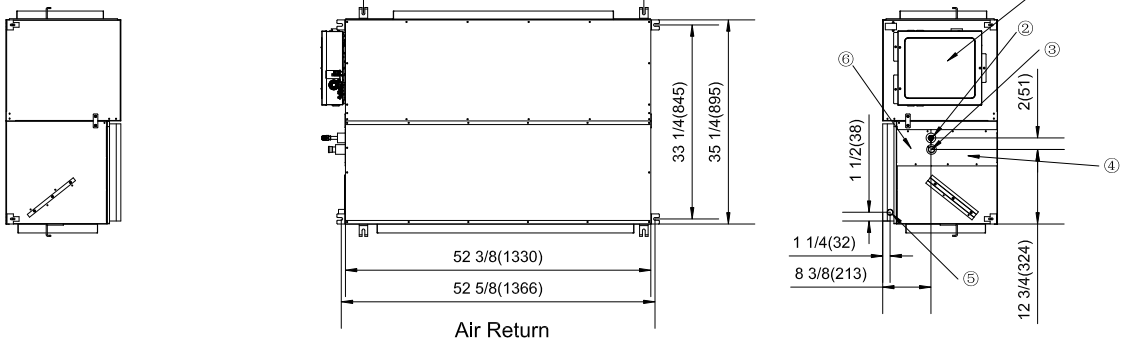
MRV5 DC INVERTER

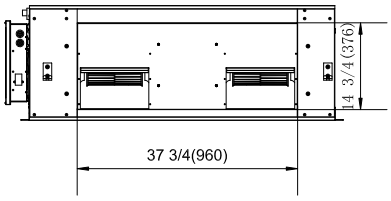
ETL LISTED c US Intertek

Dimensional Drawings

Return Air Opening (Inlet)	44" x 13 3/4"
Supply Air Opening (Outlet)	37 3/4" x 13 3/4"

Dimensions (unit: in.)





#	part name
①	control borad cover
②	liquid pipe connection
③	gas pipe connection
④	top baffle
⑤	gravity drain hose
⑥	bottom baffle

Haier

Submittal Data Sheet

MVAH096ME2AA

Med. Static Pressure Duct Indoor Unit
96,000 Btu/h

Job Name: _____
Location: _____
Date: _____
Tag: _____

☐ Reference ☐ Approval ☐ Construction

Specifications

Performance[1]	
Cooling Capacity	96,000 Btu/h
Heating Capacity	106,000 Btu/h
Electrical	
Voltage (V / Ø / Hz)	208-230 / 1 / 60
Minimum Circuit Ampcity (MCA)	8.6 A
Maximum Overcurrent Protection	15 A
Running Current, Cooling	6.8 A
Running Current, Heating	6.8 A
Fan	
Type	Turbo (1)
Motor Type	BLDC
Motor Output	980 Watts
Number of Speeds	5 + Auto
Airflow Rate, CFM (H/M/L)	3192/3112/2583/2081/2018
Airflow Rate, m^3/h (H/M/L)	5423/5287/4338/3536/3427
Max Ext. Static Pressure	1.0"
Sound Levels	
Sound Power Level, dB(A)	62 / 58 / 54
Dimensions	
Height	19 5/8" (500 mm)
Width	35 1/4" (895 mm)
Depth	52 3/8" (1330 mm)
Weight	227 lb. (103 kg)
Piping	
Refrigerant Type	R410A
Refrigerant - Liquid	1/2" Flare
Refrigerant - Vapor	7/8" Flare
Condensate Drain Outlet	1" OD

Features and Benefits

- Multiple ESP (external static pressure) settings up to 1.0 in.wg
- Low profile height design is ideal for limited ceiling space
- 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)

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.

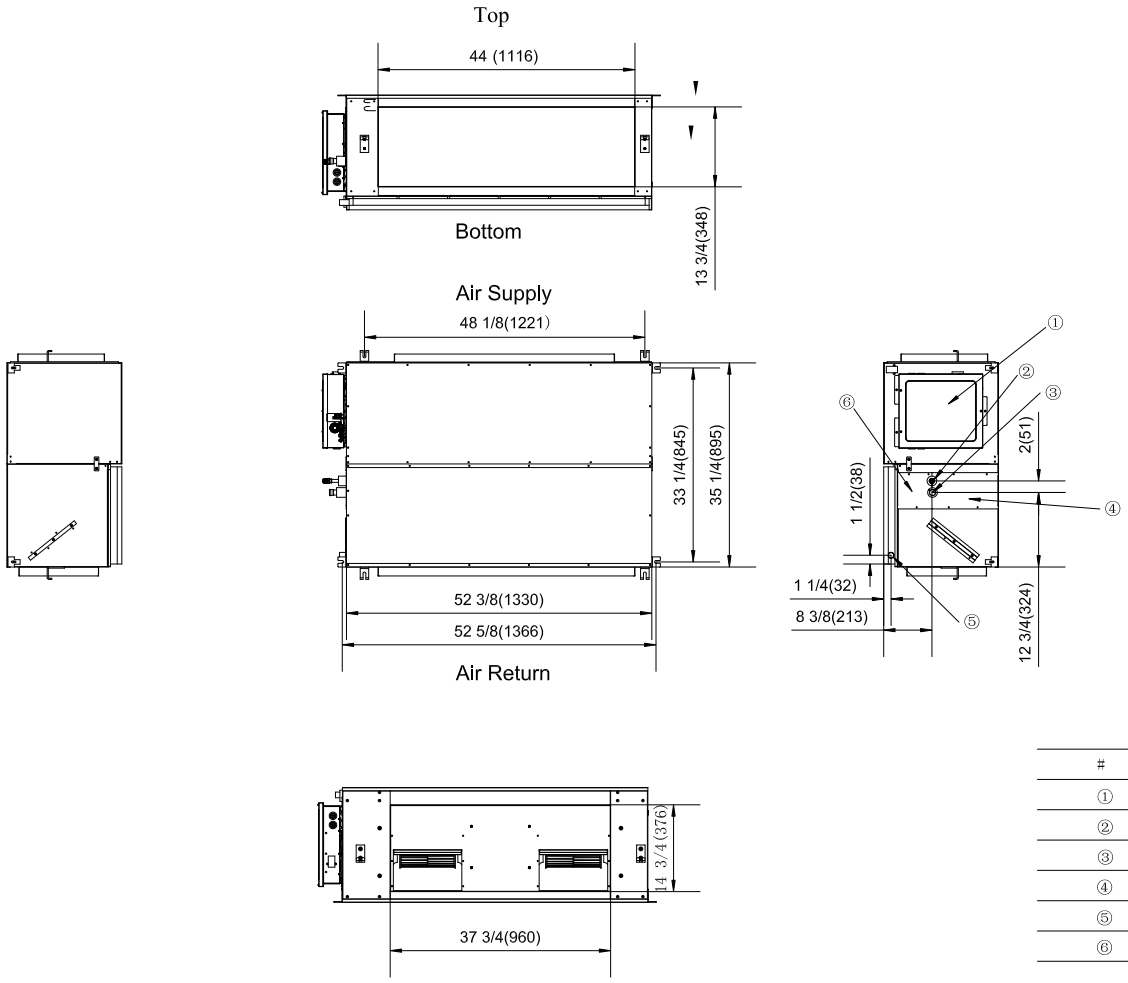
MRV5 DC INVERTER

c ETL LISTED us
Intertek

Dimensional Drawings

Return Air Opening (Inlet)	44" x 13 3/4"
Supply Air Opening (Outlet)	37 3/4" x 13 3/4"

Dimensions (unit: in.)



#	part name
①	control borad cover
②	liquid pipe connection
③	gas pipe connection
④	top baffle
⑤	gravity drain hose
⑥	bottom baffle