



Cooling Specialist

Roof Mounted Monoblock Refrigeration Unit

1. Product Models

Product	Model Name	Cooling Capacity	Horse Power	Refrigerant	Power Supply
Monoblock-2HP	MT-D(B)HSR20EL	5,000 Watt	2HP	R290	220V~240V 50Hz~60Hz
Monoblock-3HP	MT-D(B)HSR30EL	7,500 Watt	3HP	R290	

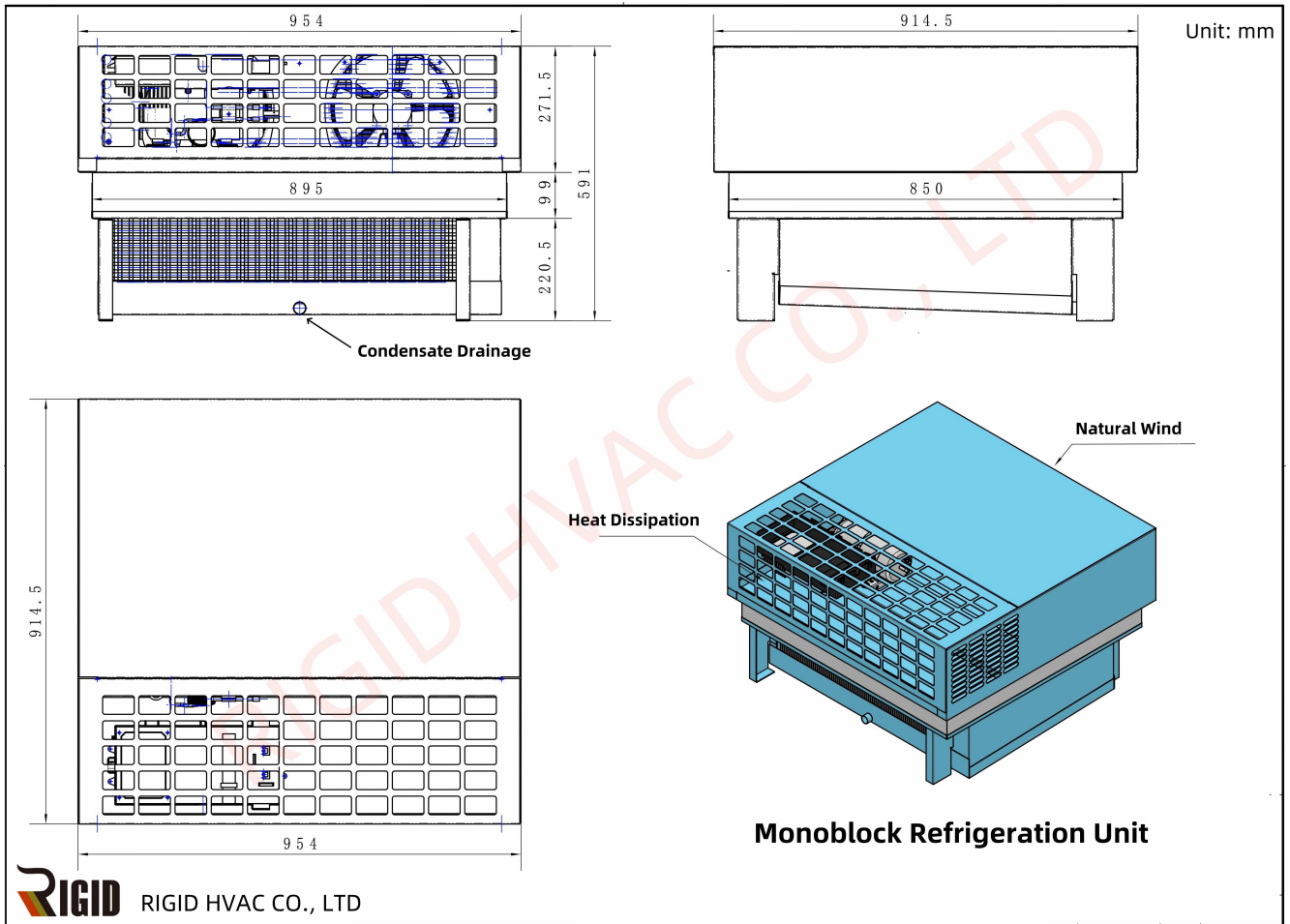
1. Natural Refrigerant: R290.
2. Low sound level < 60dB.
3. 220V~240V / 50Hz~60Hz.
4. Pre-charged with refrigerant.
5. Utilizes compact horizontal compressor.
6. Capacity: 5,000~7,500W (up to 25,500Btu).
7. Temperature Range: -18°C~2°C (-0.4~35.6°F).
8. New generation control panel: user-friendly control.
9. Equipped with HP, LP switch, and filter dryer (standard).
10. Double defrosting methods: Hot freon gas + electric heating.



Volume recommendation - Coldroom:

- **MT-D(B)HSR20EL** (2HP), refrigerated 2°C~8°C (20m³), frozen -18°C (15m³).
- **MT-D(B)HSR30EL** (3HP), refrigerated 2°C~8°C (30m³), frozen -18°C (22m³).

2. Diagram



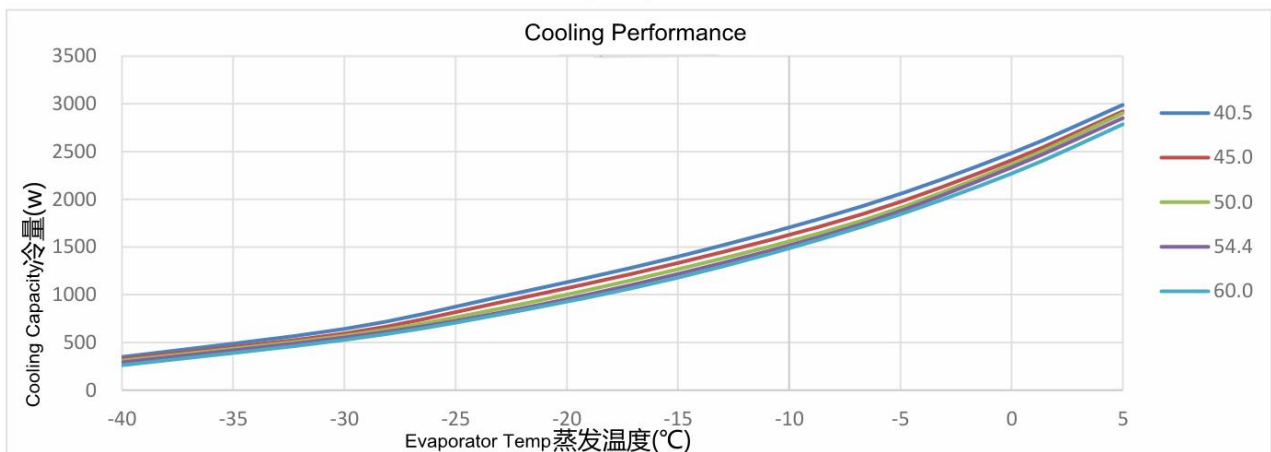
3. Performance Chart

Performance @ 30HZ

Testing Condition

Suction Temp(°C)	18.3
Ambient Temp(°C)	32.2
Evaporator Temp(°C)	-40、-30、-23.3、-15、-6.7、0、5
Condensor Temp(°C)	40.5、45.0、50.0、54.4、60.0

Frequency: 30HZ

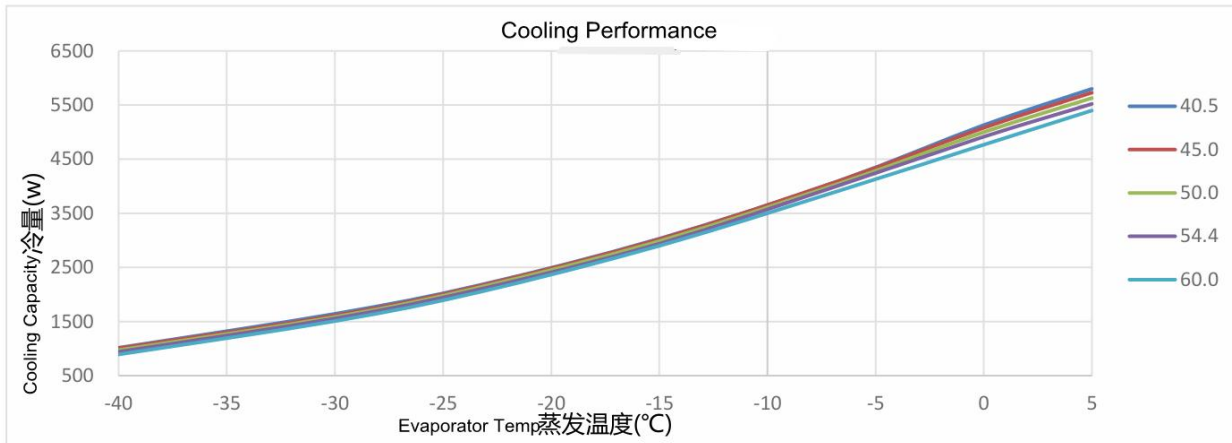


Performance @ 60HZ

Testing Condition

Suction Temp(°C)	18.3
Ambient Temp(°C)	32.2
Evaporator Temp(°C)	-40、-30、-23.3、-15、-6.7、0、5
Condensor Temp(°C)	40.5、45.0、50.0、54.4、60.0

Frequency: 60HZ

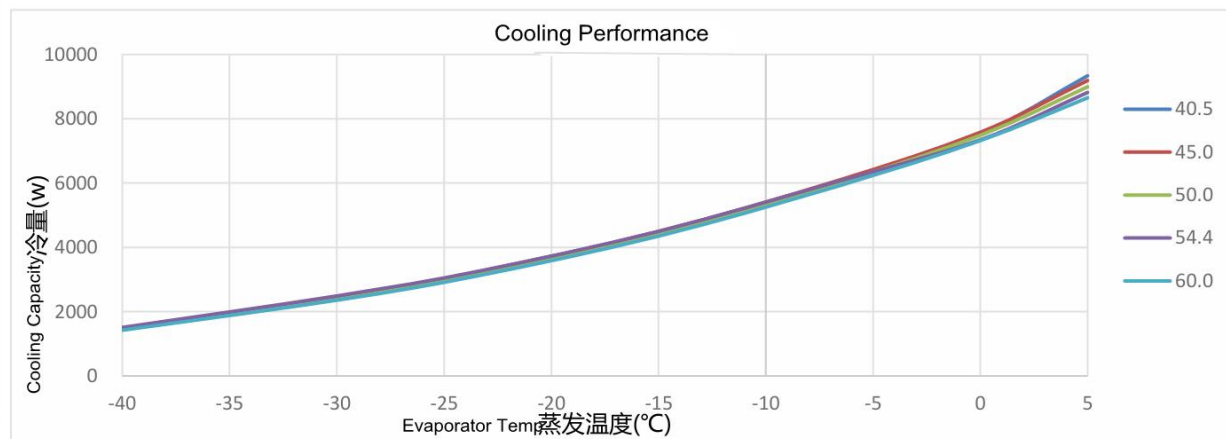


Performance @ 90HZ

Testing Condition

Suction Temp(°C)	18.3
Ambient Temp(°C)	32.2
Evaporator Temp(°C)	-40、-30、-23.3、-15、-6.7、0、5
Condensor Temp(°C)	40.5、45.0、50.0、54.4、60.0

Frequency: 90HZ



4. Performance Chart

