



Frequency Fan Commercial Refrigeration Condensing Unit With Cold Storage Room Compressor

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: DM
- Certification: CE;ISO
- Model Number: DM-UNIT-U
- Minimum Order Quantity: 1
- Price: \$2000~\$100000
- Packaging Details: Wooden Case
- Delivery Time: 30 Work Days
- Payment Terms: T/T
- Supply Ability: 1000000pcs/year



Product Specification

- Compressor Structure: Compressor Structure
- Function: Refrigeration
- Type: Outdoor
- Loading Port: Ningbo/Shanghai
- Condenser: Air-cooled Condenser
- Fans Species: Frequency Fan
- Use Nature: Industry Refrigeration
- Refrigerant: R507 R404A
- Highlight: **Cold storage room compressor Condensing Unit**
, Frequency Fan Condensing Unit,
Commercial Refrigeration Condensing Unit

Product Description

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Technical Components of an Air Conditioning System

When it comes to the components of an air conditioning system, several key elements play crucial roles in ensuring efficient operation:

U-shaped Tubes : These tubes are designed to facilitate the flow of refrigerant through the cooling system, providing a pathway for heat exchange.

Fins : Fins are used to increase the surface area available for heat transfer within the system, improving overall cooling efficiency.

Axial Fans : Axial fans help to circulate air through the system, promoting airflow and enhancing the cooling process.

Fan Motor : The fan motor powers the axial fans, driving the movement of air through the system to maintain optimal cooling.

Filter : Filters are employed to remove dust, debris, and other particles from the air entering the system, ensuring clean and efficient operation.



Air Inlet/Outlet Grilles : These grilles regulate the flow of air into and out of the system, helping to maintain proper air circulation.

Headers/Manifolds : Headers or manifolds are used to distribute refrigerant throughout the system, ensuring even cooling across all components.

Support Frame : The support frame provides structural integrity to the system, keeping all components securely in place.

Deflector Plates : Deflector plates help control the direction of airflow within the system, optimizing cooling efficiency.

Thermal Expansion Valves : These valves regulate the flow of refrigerant through the system, controlling the temperature and pressure for efficient cooling.

Pressure Relief Valves : Pressure relief valves are essential for maintaining safe operating conditions within the system, preventing over-pressurization.

Electrical Controls : Electrical controls manage the various functions of the air conditioning system, including temperature regulation and fan operation.

Compressor : The compressor plays a vital role in the refrigeration cycle, compressing the refrigerant to facilitate heat exchange for cooling.



Applications:

Commercial HVAC Systems:

Installed in office buildings, shopping malls, and hotels for air conditioning and heat pump systems.

Industrial Refrigeration:

Used in food processing plants, cold storage warehouses, and beverage factories to maintain low temperatures.



Customization:

Product Customization Services:

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Keywords: Commercial Refrigeration Condensing Unit, Condensing Unit Parts, Commercial Refrigeration Condensing Unit




Support and Services:

Our Product Technical Support and Services for the Condensing Unit include:

- Installation guidance and support
- Troubleshooting assistance for technical issues
- Maintenance recommendations and schedules
- Product training and educational resources
- Warranty information and claims process
- Remote monitoring and diagnostics services

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