



Cooling system Air Cooled Condensing Units for walk in cooler freezer room cold storage room

Our Product Introduction

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Basic Information

- Brand Name: DM
- Certification: CE
- Model Number: DM-UNIT-FNH
- 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

- Suitable For: Supermarket, Food Storage, Cold Room
- Electricity Required: 3P-380V-50HZ, if Other, please Notice!
- Condition: New
- Function: Refrigeration
- Trademark: DM
- Evaporator Type: Air Cooler
- Size: 125*70*120cm
- Temp: 0~10c And -15~-25c
- Highlight: Walk in Cooler Condensing Units,
Freezer Room Condensing Units,
Cold Storage Room Condensing Units

Product Description

Product Description:

Main Machine Configuration

1. H-shaped Tubes
2. Fins
3. Axial Fans
4. Fan Motor
5. Filter
6. Air Inlet/Outlet Grilles
7. Headers/Manifolds
8. Support Frame
9. Deflector Plates
10. Thermal Expansion Valves
11. Pressure Relief Valves
12. Electrical Controls
13. Compressor



DM-FNH Condensing Unit

DM Open-Type Air-Cooled Condensing Unit is a refrigeration system designed to effectively dissipate heat from the refrigerant, which is essential for the cooling process in various cold storage and commercial refrigeration applications. These units are typically used in walk-in freezers, refrigerated storage rooms, and large commercial cooling systems, providing a reliable and energy-efficient solution.

Features:

Advantages

1. **Compact Design:** The U-shaped tube layout minimizes space requirements while maximizing heat transfer surface area, which is ideal for installations with limited space.
2. **Water-Free Operation:** These systems require no water consumption or complex water circulation systems, making them environmentally friendly and suitable for arid regions.
3. **Versatility:** They are suitable for diverse applications, ranging from small HVAC systems to large industrial refrigeration setups.
4. **Durability:** The use of corrosion-resistant materials such as aluminum fins and galvanized steel casing ensures reliability even in harsh environments.



Technical Parameters:

Main Parameters:

Temperature: 0~10°C and -15~-25°C

Nominal heat exchange capacity: 17200~62000

Fan diameter: 400~550mm

Voltage: 380V/220V

Refrigerant: R134a-R404A-R507A*R22

Applications:

Product Applications

1. **Commercial HVAC Systems:**

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

2. **Industrial Refrigeration:**

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

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3. Data Centers:

Provides cooling for server racks and IT equipment.

4. Renewable Energy Systems:

Integrated into solar-powered cooling systems or geothermal heat pumps.

5. Medical Facilities:

Cools MRI machines, laboratory equipment, and pharmaceutical storage units.

6. Residential Heat Pumps:

Supports heating and cooling in homes, especially in regions with extreme climates.

7. Agricultural Storage:

Preserves perishable goods like fruits, vegetables, and flowers in cold storage facilities.

8. Petrochemical Plants:

Cools equipment and processes in refineries or chemical production lines.



Customization:

Product Customization Services for Air Cooled Condensing Units:

Brand Name: DM

Model Number: DM-UNIT-FNH

Place Of Origin: China

Certification: CE;

Minimum Order Quantity: 1

Price: \$2000~\$100000

Packaging Details: Wooden Case

Delivery Time: 30 Work Days

Payment Terms: T/T;

Supply Ability: 1000000pcs/year

Commercial Refrigeration: Cooling Units

Suitable For: Supermarket, Food Storage, Cold Room

Controller Type: Compressor

Function: Refrigeration

Size: 125*70*120cm

Customization services available for Air Cooled Condensing Units, Freezer Room Condensing Unit, and more.



Support and Services:

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

- Assistance with installation and setup of the condensing unit
- Troubleshooting support for any technical issues
- Guidance on maintenance and care to ensure optimal performance
- Warranty information and claims processing
- Product training and resources for customers and service technicians



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