



Cooling system Storage room Freezer Room Condensing Unit for Refrigeration walk in cooler

Our Product Introduction

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Basic Information

- Brand Name: DM
- Certification: CE;ISO
- 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;L/C
- Supply Ability: 1000000pcs/year



Product Specification

- Trademark: DM
- Size: 125*70*120cm
- Suitable For: Supermarket, Food Storage,Cold Room
- Condition: New
- Controller Type: Compressor
- Function: Refrigeration
- Evaporator Type: Air Cooler
- Commercial Refrigeration: Cooling Units
- Highlight: Refrigeration walk in cooler Condensing Unit,
Storage room Condensing Unit,
Freezer Room Condensing Unit

Product Description

Product Description:

Main Machine Configuration

H-shaped Tubes
Fins
Axial Fans
Fan Motor
Filter
Air Inlet/Outlet Grilles
Headers/Manifolds
Support Frame
Deflector Plates
Thermal Expansion Valves
Pressure Relief Valves
Electrical Controls
Compressor



Features:

Advantages

- 1. Compact Design:** The U-shaped tube layout minimizes space requirements while maximizing heat transfer surface area, ideal for installations with limited space.
- 2. Water-Free Operation:** No water consumption or complex water circulation systems, making them environmentally friendly and suitable for arid regions.
- 3. Versatility:** Suitable for diverse applications, from small HVAC systems to large industrial refrigeration.
- 4. Durability:** Corrosion-resistant materials (e.g., aluminum fins, galvanized steel casing) ensure reliability 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: R404A-R507A/R22



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.



Applications:

Product 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.

Data Centers: Provides cooling for server racks and IT equipment.

Renewable Energy Systems: Integrated into solar-powered cooling systems or geothermal heat pumps.

Medical Facilities: Cools MRI machines, laboratory equipment, and pharmaceutical storage units.

Residential Heat Pumps: Supports heating and cooling in homes, especially in regions with extreme climates.

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

Petrochemical Plants: Cools equipment and processes in refineries or chemical production lines.

Customization:

Product Customization Services for Commercial Refrigeration Condensing Unit

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Compressor Brand: HIGHLY


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Keywords: Commercial Refrigeration Condensing Unit, Air Cooled Condensing Units

Support and Services:

Our Product Technical Support and Services team for the Condensing Unit product is dedicated to assisting customers with any issues or questions they may have regarding the operation, maintenance, or troubleshooting of the unit. Our team of experts is available to provide guidance on proper installation, setup, and ongoing maintenance to ensure optimal performance and longevity of the unit.

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