



Refrigeration system Condensing Unit for walk in cooler cold room cold storage room

Our Product Introduction

for more products please visit us on coldroomunit.com

Basic Information

- Brand Name: DM
- 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

- Cabinet Material: Galvanized Steel
- Compressor Model: 4GE-23Y
- Compressor Structure: Piston
- Power Type: DC
- Coil Material: Copper
- Condenser Fan: Axial Fan
- Lubrication Style: Lubricated
- Refrigerant: R22/R404a/R507a

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



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:

- 1. Compact Design:** The H-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 Range:
0~10°C and -15~-25°C
Nominal Heatexchange Capacity:
17200~62000
Fan Diameter:
400~550mm
Voltage:
380V/220V
Refrigerant:
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.
- Cold Room Condensing Unit with High Efficiency Compressor for Commercial Refrigeration**
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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:

Cold Room Condensing Unit

Commercial Refrigeration Condensing Unit

Air Cooled Condensing Units

Product Customization Services for the Condensing Unit:

Brand Name: DM

Model Number: DM-UNIT-FNH

Place Of Origin: China

Price: \$2000~\$100000

Packaging Details: Wooden Case

Delivery Time: 30 Work Days

Payment Terms: T/T;

Cabinet Material: Galvanized Steel

Evaporating Temperature: -40 ~+10

Compressor Structure: Piston

Function: Refrigeration



Support and Services:

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

- Troubleshooting assistance for installation and operation issues
- Guidance on maintenance and regular servicing requirements
- Product warranty information and claim process
- Recommendations for spare parts and replacements
- Online resources such as manuals, FAQs, and technical documents



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