



walk in cooler Freezer Room Condensing Unit for cold storage room

Our Product Introduction

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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

- Refrigerant: R22/R404a/R507a
- Evaporating Temperature: -40 ~+10
- Condenser Fan Motor: Made In China
- Lubrication Style: Lubricated
- Model No: MT-HSN20EL
- Compressor Structure: Piston
- Core Components: Compressor
- Function: Refrigeration

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:

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:

Temperature Range: 0~10°C and -15~-25°C
 Nominal Heat Exchange 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:

Product Customization Services for Cold Room Condensing Unit:

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Place Of Origin: China
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Lubrication Style: Lubricated
Condenser Fan Motor: Made In China
Refrigerant: R22/R404a/R507a
Compressor Structure: Piston



Support and Services:


The Product Technical Support and Services for the Condensing Unit product include:

- Assistance with installation and setup of the condensing unit
- Troubleshooting guidance for any operational issues
- Maintenance tips and recommendations to ensure optimal performance
- Warranty information and support for any covered issues
- Access to technical documentation and resources for further assistance

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