



Condensing Unit with Piston Compressor for cold room walk in cooler chamber cooling system

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

- Power Type: DC
- Compressor Model: 4GE-23Y
- Lubrication Style: Lubricated
- Evaporating Temperature: -40 ~+10
- Compressor Structure: Piston
- Condenser Fan: Axial Fan
- Cabinet Material: Galvanized Steel
- Function: Refrigeration

Product Description

Product Description:

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: 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:

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.
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 Commercial Refrigeration Condensing Unit

Brand Name: DM

Model Number: DM-UNIT-FNH

Place Of Origin: China

Cabinet Material: Galvanized Steel

Evaporating Temperature: -40 ~+10

Condenser Fan: Axial Fan

Compressor Model: 4GE-23Y

Condenser Fan Motor: Made In China



Support and Services:

Our Condensing Unit product comes with comprehensive Product Technical Support and Services to ensure smooth operation and optimal performance. Our team of experts is available to assist with any technical inquiries, troubleshooting, and maintenance needs. We provide installation guidance, product manuals, and access to online resources for your convenience. Rest assured, our dedicated technical support team is committed to providing timely and effective solutions to keep your Condensing Unit running efficiently.

 **Zhejiang Damai Cold Chain Equipment Co., Ltd.**

 86-13246760185

 sales3@dmllcn.com

 coldroomunit.com

Factory No. 1, Wanfeng Aviation Town, Wozhou Town, Xinchang County, Zhejiang Province