



Customizable Condensing Unit for Cold Storage and Distribution in the Food Industry

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: DM
- Certification: CE;ISO
- Model Number: DM-UNIT-U
- 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 Way: Air-cooled ,water-cooled
- Configuration: Portable
- Loading Port: Ningbo/Shanghai
- Compressor Structure: Compressor Structure
- Refrigerant: R507 R404A
- Origin: Zhejiang, China
- Fans Species: Frequency Fan
- Nominal Capacity: 3 HP To 40 HP
- Highlight: **Cold Storage Condensing Unit,
Food Industry Condensing Unit**

Product Description

Product Description:

U-type air-cooled condensing unit is a commonly utilized refrigeration system component within commercial and industrial settings. This equipment finds widespread application in supermarkets, cold storage facilities, food processing plants, as well as chemical and pharmaceutical storage areas. The primary purpose of this unit is to expel the heat extracted by the refrigerant from the evaporator, enabling the refrigeration system to operate efficiently. The unique design characteristics of the U-type air-cooled condensing unit contribute to its distinctive advantages in various application scenarios.

The **U-type air-cooled condensing unit** is engineered to effectively handle the cooling needs of diverse environments, making it a versatile solution for different industries and businesses. Its robust construction and efficient heat dissipation capabilities make it a preferred choice for ensuring optimal refrigeration performance. The compact design and reliable operation of this unit make it well-suited for demanding refrigeration applications where space and functionality are critical factors.



Features:

Compact design: The design of U-shaped air-cooled condensing units is usually compact, with a small footprint, which is easy to install and maintain. Its unique U-shaped structure allows the unit to better utilize space while maintaining efficient heat dissipation, adapting to the needs of different sites.

High efficiency and energy saving: The unit adopts efficient heat exchange technology, making the cooling effect more significant. The efficient air-cooled condenser and optimized air flow design can improve the heat exchange capacity of the unit and reduce energy consumption, thereby achieving energy-saving effects.

Strong durability: The shell of the U-shaped air-cooled condensing unit is usually made of corrosion-resistant materials, which can effectively resist corrosion in harsh environments and extend the service life of the equipment. Especially in humid or dusty environments, it has better adaptability.

Technical Parameters:

Serial number	Model	Heat exchange area	Heat exchange Kw	Fan motor				Import and export (mm)	Shape size(mm)			Installation size (mm)
				Number	Diameter	Power(W)	Air Volume		Length	Width	Height	
1	FNU-32	32	10.6	1	φ400	180	3400	φ19/φ12	720	620	700	680×490
2	FNU-40	40	13.2	1	φ450	250	4800	φ19/φ12	740	640	800	700×490

3	FNU-50	50	16.6	1	φ450	250	4800	φ19/φ12	820	770	800	830×550
4	FNU-50	50	16.6	2	φ350	2×129	2×2300	φ19/φ12	1060	650	800	710×590
5	FNU-60	60	19.1	1	φ500	414	6500	φ22/φ16	920	840	800	900×590
6	FNU-60	60	19.1	2	φ350	2×129	2×2300	φ22/φ16	1160	720	800	790×670
7	FNU-70	70	21.8	2	φ400	2×180	2×3400	φ22/φ16	1160	730	900	790×670
8	FNU-80	80	26.4	2	φ450	2×250	2×4800	φ22/φ16	1320	850	900	910×820
9	FNU-100	100	33.1	2	φ500	2×414	2×6500	φ25/φ19	1420	880	1000	940×870
10	FNU-120	120	39.6	2	φ500	2×414	2×6500	φ25/φ19	1420	880	1200	940×870
11	FNU-130	130	42.9	2	φ500	2×414	2×6500	φ25/φ19	1420	880	1300	940×870
12	FNU-150	150	49.5	2	φ550	2×600	2×8300	φ28/φ22	1550	880	1400	940×970
13	FNU-160	160	52.8	2	φ550	2×600	2×8300	φ28/φ22	1600	920	1400	940×970

Applications:

Cold Storage Refrigeration System: The U-shaped air-cooled condensing unit plays a crucial role in maintaining a stable refrigeration effect within cold storage facilities. It ensures a constant temperature inside the cold storage, making it suitable for storing perishable items such as food and medicine.

Supermarket Cold Chain System: For supermarkets and retailers, maintaining a reliable cold chain environment is essential to preserve the freshness of products. By using a U-shaped air-cooled condensing unit, food items on the shelves can be kept fresh and of high quality.

Industrial Cooling: Industrial cooling systems are necessary for cooling equipment and processes in industrial production settings. The use of U-shaped air-cooled condensing units can effectively lower the temperature of process equipment, ensuring stable production processes.



Zhejiang Damai Cold Chain Equipment Co.,Ltd.

Zhejiang Damai Cold Chain Equipment Co., Ltd., is a leading manufacturer of refrigeration units, like condensers, air coolers, all kinds of units, and solution provider for cold storage rooms.

We, Damai Cold Chain, are located in Zhejiang Province China, already supplied our machines, designing and installation services to more than 80 countries and districts clients in the world.

At present, we can supply clients for Bitzer, Copeland, Danfoss, Carrier, Damai and other brands compressors and refrigeration units, we also can supply clients for OEM & ODM service.

We want to establish a bright future with potential partners together!



Customization:

Product Customization Services for Air Cooled Condensing Units - Commercial Refrigeration Condensing Unit

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Certification: CE;ISO

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Delivery Time: 30 Work Days

Payment Terms: T/T

Supply Ability: 1000000pcs/year

Fans Species: Frequency Fan

Function: Refrigeration

Loading Port: Ningbo/Shanghai

Origin: Zhejiang, China

Use Nature: Industry Refrigeration



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