



Customizable and High-Performance Condensing Unit for Commercial Refrigeration

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

- Condenser: Air-cooled Condenser
- Refrigerant Way: Air-cooled ,water-cooled
- Configuration: Portable
- Loading Port: Ningbo/Shanghai
- Condensing Temperature: 0~10c And -15~-25c
- Origin: Zhejiang, China
- Type: Outdoor
- Fans Species: Frequency Fan
- Highlight: **High Performance Condensing Unit,
Customizable Condensing Unit,
Commercial Refrigeration Condensing Unit**

Product Description:

U-type Air-Cooled Condensing Unit: The U-type air-cooled condensing unit is a popular piece of equipment in commercial and industrial refrigeration systems. It finds extensive usage in environments such as supermarkets, cold storage facilities, food processing plants, and chemical and pharmaceutical storage areas. The primary purpose of this condensing unit is to release the heat absorbed by the refrigerant from the evaporator, thereby ensuring the efficiency of the refrigeration system's operation.

Design Advantages: The U-type air-cooled condensing unit boasts specific design features that provide it with advantages in various application scenarios. These unique attributes make it well-suited for different usage settings, enhancing its performance and effectiveness where it is employed.



Features:

Compact design: The design of U-shaped air-cooled condensing units is typically compact, featuring a small footprint that facilitates easy installation and maintenance. Its innovative U-shaped structure enables the unit to maximize space utilization while ensuring efficient heat dissipation, catering to varying site requirements.

High efficiency and energy saving: These units incorporate advanced heat exchange technology, enhancing the cooling efficiency significantly. With an efficient air-cooled condenser and optimized air flow design, the heat exchange capacity is improved, leading to reduced energy consumption and notable energy-saving advantages.

Strong durability: The shell of U-shaped air-cooled condensing units is typically crafted from corrosion-resistant materials, offering effective protection against corrosion in challenging environments and extending the equipment's lifespan. Particularly in humid or dusty settings, these units exhibit superior adaptability to such conditions.

Technical Parameters:

S e r i a l n u m b e r	M o d e l	H e a t e x c h a n g e r K w	Fan motor				I m p o r t a n d e x p o r t (m m)	Shape size(mm)			I n s t a l l a t i o n s i z e (m m)
			N u m b e r	D i a m e t e r	P o w e r (W)	A i r V o l u m e		L e n g t h	W i d t h	H e i g h t	
1	FNU-32	30.6	1	φ400	180	3400	φ19/φ12	720	620	700	680×490
2	FNU-40	43.2	1	φ450	250	4800	φ19/φ12	740	640	800	700×490

3	FNU-50	5 0	1 6 6	1	φ450	250	4800	φ19/φ1 2	8 2 0	770	800	830×550
4	FNU-50	5 0	1 6 6	2	φ350	2×129	2×2300	φ19/φ1 2	1 0 6 0	650	800	710×590
5	FNU-60	6 0	1 9 1	1	φ500	414	6500	φ22/φ1 6	9 2 0	840	800	900×590
6	FNU-60	6 0	1 9 1	2	φ350	2×129	2×2300	φ22/φ1 6	1 1 6 0	720	800	790×670
7	FNU-70	7 0	2 1 8	2	φ400	2×180	2×3400	φ22/φ1 6	1 1 6 0	730	900	790×670
8	FNU-80	8 0	2 6 4	2	φ450	2×250	2×4800	φ22/φ1 6	1 3 2 0	850	900	910×820
9	FNU-100	1 0 0	3 3 1	2	φ500	2×414	2×6500	φ25/φ1 9	1 4 2 0	880	1000	940×870
1 0	FNU-120	1 2 0	3 9 6	2	φ500	2×414	2×6500	φ25/φ1 9	1 4 2 0	880	1200	940×870
1 1	FNU-130	1 3 0	4 2 9	2	φ500	2×414	2×6500	φ25/φ1 9	1 4 2 0	880	1300	940×870
1 2	FNU-150	1 5 0	4 9 5	2	φ550	2×600	2×8300	φ28/φ2 2	1 5 5 0	880	1400	940×970
1 3	FNU-160	1 6 0	5 2 8	2	φ550	2×600	2×8300	φ28/φ2 2	1 6 0 0	920	1400	940×970

Applications:

Cold storage refrigeration system:

The *U-shaped air-cooled condensing unit* is designed to deliver a consistent refrigeration effect in *cold storage* facilities. It helps maintain a constant temperature within the storage area, making it ideal for storing perishable items like *food* and *medicine*.

Supermarket cold chain system:

Supermarkets and *retailers* rely on a reliable *cold chain environment* to ensure the freshness of their products. The *U-shaped air-cooled condensing unit* plays a crucial role in maintaining the optimal temperature for food items on the shelves.

Industrial cooling:

In *industrial production* settings, *cooling equipment* is essential for processes that require temperature control. The use of a *U-shaped air-cooled condensing unit* can effectively decrease the temperature of *process equipment* and contribute to stable production operations.



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