



## Outdoor Function Condensing Unit for Refrigeration 3 HP To 40 HP For Cold Room

Our Product Introduction

for more products please visit us on [coldroomunit.com](http://coldroomunit.com)

### 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

- Use Nature: Industry Refrigeration
- Function: Refrigeration
- Condensing Temperature: 0~10c And -15~-25c
- Origin: Zhejiang, China
- Refrigerant: R507 R404A
- Configuration: Portable
- Condenser: Air-cooled Condenser
- Nominal Capacity: 3 HP To 40 HP
- Highlight: **Outdoor Condensing Unit,  
40 HP Condensing Unit, 3 HP Condensing Unit**

Product Description:

The U-type air-cooled condensing unit is a popular piece of equipment found in commercial and industrial refrigeration systems. It is commonly utilized in various settings such as 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 absorbed by the refrigerant from the evaporator, allowing the refrigeration system to function effectively. The distinctive design characteristics of the U-type air-cooled condensing unit provide it with specific advantages tailored to particular application scenarios. These advantages enhance its performance and efficiency in a range of environments.



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:

S e r i a l  n u m b e r	Model	H e a t e x c h a n g e a r e	H e a t e x c h a n g e K w	Fan motor				Import and export (mm)	Shape size(mm)			Installation size (mm)
				Numb er	Diame ter	Power (W)	Air Volume		L e n g t h	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	43.9	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 is designed to offer a consistent refrigeration effect, ensuring a steady temperature within the cold storage area. This system is ideal for preserving food, pharmaceuticals, and other temperature-sensitive items.

**Supermarket cold chain system:** Supermarkets and retailers rely on a reliable cold chain system to maintain the freshness of products. With the U-shaped air-cooled condensing unit, food displayed on shelves can be kept at the optimal temperature to prolong its shelf life.

**Industrial cooling:** Industrial cooling systems are essential for cooling equipment and processes in manufacturing settings. By utilizing the U-shaped air-cooled condensing unit, industrial facilities can efficiently lower the temperature of process equipment, ensuring smooth and stable production operations.



## 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 the Cold Room Condensing Unit:

Brand Name: DM

Model Number: DM-UNIT-U

Place of Origin: China

Certification: CE;ISO

Minimum Order Quantity: 1

Price: \$2000~\$100000

Packaging Details: Wooden Case

Delivery Time: 30 Work Days

Payment Terms: T/T

Supply Ability: 1000000pcs/year

Configuration: Portable

Condensing Temperature: 0~10c And -15~-25c

Condenser: Air-cooled Condenser

Type: Outdoor

Compressor Structure: Compressor Structure

Keywords: Cold Room Condensing Unit, Commercial Refrigeration Condensing Unit



**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