



## High-Performance H-Type Air-Cooled Piston Condensing Unit for Refrigeration System

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: DM
- Certification: CE;ISO
- 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

- Controller Brand: CAREL
- Evaporating Temp: -10~+7celsius Degree
- Core Components: Compressor
- Noise: Low Noise
- Trademark: DM
- Condenser Type: Air Cooled Condenser
- Power Type: DC
- Fan Number: 4~6
- Highlight: **High-Performance Piston Condensing Unit ,  
H-Type Piston Condensing Unit ,  
Refrigeration System Piston Condensing Unit**

## Product Description

### Product Description:

The H-type air-cooled condenser is a specialized form of air-cooled condenser that serves as highly efficient refrigeration equipment. Its primary function is to facilitate the conversion of high-temperature and high-pressure gaseous refrigerant, discharged from the compressor, into liquid through forced air convection. This process enables heat discharge within the refrigeration cycle.

As indicated in the literature, the H-type unit typically incorporates a condenser with copper tubes and aluminum fins. The outer casing is constructed using high-quality steel plate that has been plastic-coated, providing corrosion resistance and an aesthetically pleasing appearance.



### Features:

**Copper Tube and Aluminum Fin Structure:** The product features a serpentine copper tube combined with high-density aluminum fin, with a fin spacing ranging from 1.5 to 4mm. This design significantly enhances the heat dissipation area and boosts heat exchange efficiency.

**Weather-Resistant Design:** Constructed with high-quality steel plate and treated with plastic spraying, the shell exhibits excellent corrosion resistance and salt-spray resistance. Hence, it is well-suited for use in humid or industrially polluted environments.

**Flexible Configuration:** This system is versatile and can be configured to accommodate various compressor brands, such as Bitzer and Hanbell screw compressors. Its strong interchangeability not only enhances adaptability but also helps to lower maintenance costs.

### Technical Parameters:

Single piston low temperature air-cooled unit							
Model			DMD02HFPL	DMD03HFPL	DMD04HFPL	DMD05HFPL	DMD06HFPL
Evaporative Temperature			0 ~ -35				
Refrigerant			R404A/R507A				
PowerSupply			360~400V/50Hz-400~460V/60Hz				
Wind condenser Model			FNH34	FNH41	FNH55	FNH62	FNH70
Compressor Model			2DES-2Y	4FES-3Y	4EES-4Y	4DES-5Y	4CES-6Y
Number of Compressors			1	1	1	1	1
	Evaporation temperature 0	Cooling capacity (KW)	9.92	13.74	17.47	20.3	25.4
		Power KW)	3.55	4.76	6.13	7.02	8.67

Capacity	Evaporation temperature -10	Cooling capacity (KW)	6.78	9.34	11.88	13.76	17.16
		Power (KW)	3.04	4.17	5.34	6.11	7.51
	Evaporation temperature -25	Cooling capacity (KW)	3.45	4.81	6.1	7.06	8.69
		Power (KW)	2.14	3.06	3.84	4.41	5.36
	Evaporation temperature -35	Cooling capacity (KW)	1.93	2.84	3.58	4.14	5.03
		Power (KW)	1.53	2.26	2.8	3.24	3.89
Interface	Suction pipe interface		22	22	28	28	28
	Exhaust pipe interface		16	16	16	22	22
	Outlet interface		10	12	12	12	12
	Inlet pipe interface		12	16	16	16	16
Size	Length		985	986	1166	986	1166
	Width		750	750	750	750	800
	Height		600	700	800	700	800

## Applications:

Air Cooled Condensing Units are versatile and widely used in various applications due to their efficient cooling capabilities. DM's **DM-UNIT-H** condensing unit, originating from China, is a reliable choice for different scenarios requiring precise temperature control. With **CE** and **ISO** certifications, this product guarantees high quality and performance.

One of the key applications for the **DM-UNIT-H** is in *Freezer Room Condensing Units*. These units are essential for maintaining the required low temperatures in freezer rooms, ensuring the freshness and quality of stored goods. The DM condensing unit excels in such scenarios, offering a condensing temperature range of **0~-10** and **-15~-25**, making it suitable for a wide range of freezer room sizes. For businesses and industries looking for reliable *Condensing Unit Parts*, DM's product is an excellent choice. The compressor structure of the unit is designed for durability and efficiency, ensuring smooth operation over an extended period. The unit's refrigerant options of **R507** and **R404A** provide flexibility and compatibility with different cooling systems.

When considering purchasing the **DM-UNIT-H**, customers can benefit from its competitive price range of **\$2000** to **\$100000**, making it accessible for various budgets. The minimum order quantity of **1 unit** allows for flexibility in procurement, while the packaging details in a wooden case ensure safe delivery.



# APPLICATION

## Packing and Shipping:

Product Packaging and Shipping for Condensing Unit: .....

The condensing unit will be carefully packaged to ensure safe transportation. It will be placed in a sturdy cardboard box with ample cushioning material to prevent any damage during shipping.

For shipping, the condensing unit will be sent via a reliable shipping carrier to ensure timely and secure delivery to your specified address.



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