



H Type Air Cooled Piston Condensing Unit for Efficient Refrigeration Systems

Our Product Introduction

for more products please visit us on coldroomunit.com

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

- Usage: Refrigerating System
- Power Type: DC
- Evaporating Temp: -10~+7celsius Degree
- Evaporator Fan Motor: ECM
- Noise: Low Noise
- Fan Number: 4~6
- Compressor: Optional
- Trademark: DM
- Highlight: **H Type Condensing Unit,
Air Cooled Piston Condensing Unit,
Efficient Refrigeration Systems Condensing Unit**

Product Description

Product Description:

The **H-type air-cooled condenser** is a highly efficient air-cooled refrigeration equipment, which is a special design form of air-cooled condenser. Its core function is to cool the high-temperature and high-pressure gaseous refrigerant discharged from the compressor into liquid through forced air convection, thereby achieving heat discharge in the refrigeration cycle.

According to literature, the H-type unit usually uses a *copper tube aluminum fin condenser*, and the outer shell is made of high-quality steel plate sprayed with plastic, which is both corrosion-resistant and beautiful.



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 the Condensing Unit:

The condensing unit will be carefully packaged in a sturdy cardboard box to ensure its safe transport. It will be securely padded to prevent any damage during shipping.

For shipping, we use reliable carriers to deliver the condensing unit to your doorstep in a timely manner. You will receive a tracking number to monitor the progress of your shipment.



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