Industrial Grade Axial Fan Air Cooled Condenser For Cooling Systems

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DM
- Certification: CE;ISO
- Model Number: DM-LNQ-U
- Minimum Order Quantity: 1
- Price: $200~$100000
- Packaging Details: Wooden case
- Delivery Time: 30 Work days
- Payment Terms: T/T;L/C
- Supply Ability: 1000000pcs/year

Product Specification

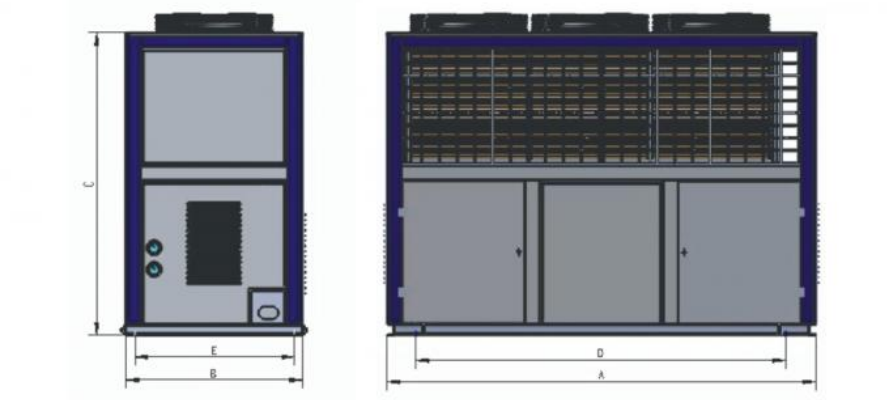
- Number Of Fans: 1-4
- Tube Pitch: 1.5 Inch
- Fin Type: Louvered
- Fan Type: Axial
- Tube Material: Copper
- Tube Type: Copper
- Fin Spacing: 3-12mm
- Type: Air-cooled
- Material: Copper/Aluminum
- Fins Per Inch: 8-16
- Fan Diameter: 300-800mm
- Tube Diameter: 5-20mm
- Coil Rows: 1-12

Product Description

Industrial Grade Axial Fan Air Cooled Condenser For Cooling Systems

Product Description:

Each component has its specific roles that are crucial to the overall performance of the machine. To ensure that the machine operates efficiently, all components must be installed correctly and work in conjunction with one another.
The compressor plays a vital role in the refrigeration cycle, as it compresses the refrigerant gas. The condenser then removes the heat from the compressed gas and disperses it into the atmosphere. The oil heating mechanism is necessary to prevent the refrigerant oil from getting too cold and thickening, which would impede the flow of the refrigerant, and thus, decrease the machine's performance.
The liquid receiver stores the refrigerant while preventing impurities and moisture from entering the system, while the filter ensures that the refrigerant remains clean. The sight glasses help operators monitor the amount of refrigerant in the system, while the solenoid valve controls the flow of refrigerant in and out of the condenser and evaporator.
The H / L P gauge and pressure controller help maintain the correct pressure levels in the refrigeration system, while the oil pressure protection mechanism ensures that the compressor's oil remains in optimal condition. The vibration eliminator helps minimize vibrations that might occur during the compressor's operation. Finally, the oil and gas separators help prevent oil from mixing with the refrigerant, thus improving the machine's overall performance.



Features:

Temperature:
The temperature range for this product can either be between 0°C to 10°C or between -15°C to -25°C.
Horsepower:
The horsepower required for this product can range from 3HP to 34HP.
Compressor Type:
The compressor used in this product is semi-hermetic piston type.
Voltage:
This product runs on three different voltages - 380V/3P/50Hz, 220V/3P/60Hz, or 380V/3P/60Hz.

Parameter	Range/Type
Temperature	0°C to 10°C and -15°C to -25°C
Horsepower	3HP to 34HP
Compressor Type	Semi-hermetic piston
Voltage	380V/3P/50Hz, 220V/3P/60Hz, 380V/3P/60Hz

Technical Parameters:

Model						External Roter Moter				Pipe size	
	Heat Exchange Capacity	Heat Interchanging Area	Length	Width	Height	Number	Diameter	Power	Air quantity	Admitting Pipe	liquid Outlet Pipe
FNVT-140	41.3	140	1644	1020	1865	2	550	2*670	2*8600	32	25
FNVT-160	44.3	160	1644	1020	1865	2	550	2*670	2*8600	32	25

FNVT-180	47	180	1844	1020	1865	2	550	2*670	2*8600	32	25
FNVT-200	52.5	200	1644	1020	1865	2	550	2*670	2*8600	32	25
FNVT-220	58.5	220	1744	1020	1865	2	550	2*670	2*8600	32	25
FNVT-240	64.5	240	2446	1020	1865	3	550	3*670	3*8600	32	28
FNVT-260	70.5	260	2600	1020	1865	3	550	3*670	3*8600	32	28
FNVT-280	76	280	2300	1020	1865	3	550	3*670	3*8600	35	28
FNVT-300	82.5	300	2300	1020	1865	3	550	3*670	3*6600	35	28
FNVT-320	88.5	320	2446	1020	1865	3	600	3*825	3*8600	42	32

Applications:

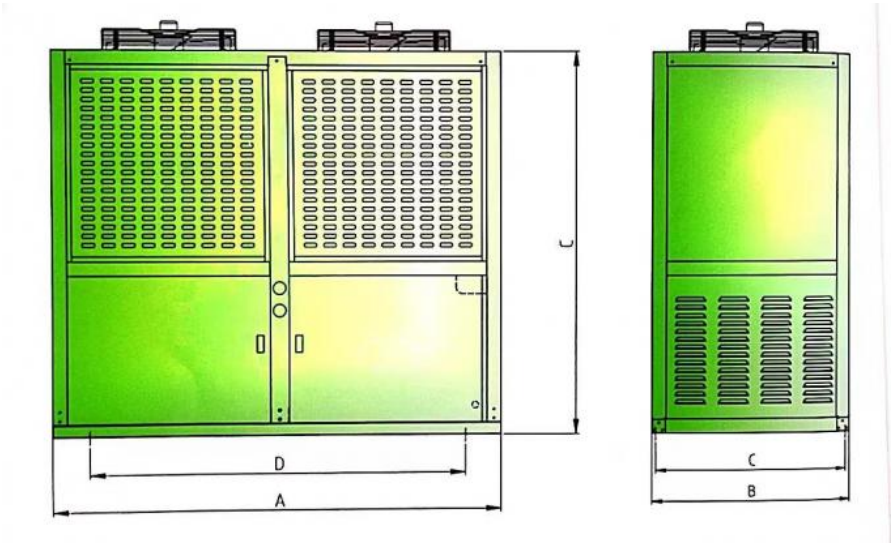
Cold Storage Refrigeration System

A cold storage refrigeration system is a critical component of any facility that requires temperature-controlled storage of perishable goods. The refrigeration system helps maintain optimal temperatures, preventing spoilage and extending the shelf life of products like fruits, vegetables, meat, and dairy.

The refrigeration system works by removing heat from the storage area and dissipating it outside the facility. It usually comprises a compressor, evaporator, condenser, and expansion valve. The compressor compresses the refrigerant gas, which then circulates through the evaporator where it absorbs heat and cools the storage area. The now-warmed refrigerant gas leaves the evaporator and goes to the condenser, where it releases the absorbed heat to the environment. The refrigerant then returns to the compressor for the cycle to repeat.

It is essential to ensure the proper design, installation, and maintenance of the refrigeration system. A well-designed system runs efficiently, minimizing energy costs and reducing the risk of failures that could lead to product loss or safety hazards. Regular maintenance keeps the system operating at peak performance and lengthens its lifespan.

In conclusion, a cold storage refrigeration system is a crucial aspect of ensuring the quality and safety of perishable goods. By working to maintain optimal temperatures, the system helps to minimize waste and extend the shelf life of products, reducing costs and improving the customer experience.



Customization:

Place of Origin: CHINA

Certification: CE;ISO

Minimum Order Quantity: 1

Price: $200~$100000

Packaging Details: Wooden case

Delivery Time: 30 Work days
Payment Terms: T/T;L/C
Supply Ability: 1000000pcs/year
Fan Diameter: 12-24 Inches
Number Of Fans: 1-4
Voltage: 110-460 V
Fan Type: Axial Fan
Type: Air-Cooled

Support and Services:

The Air Cooler Condenser is a product designed to provide efficient cooling for various industrial applications. Our technical support and services for this product include:
Installation support and guidance
Product troubleshooting and issue resolution
Regular maintenance and cleaning services
Product upgrades and replacement parts
24/7 customer support for urgent issues
Our team of experienced technicians and engineers are dedicated to ensuring that your Air Cooler Condenser operates at optimal performance and efficiency. Contact us for any technical support or service requests.

Packing and Shipping:

Product Packaging:
The air cooler condenser will be packed in a sturdy cardboard box.
The box will be properly sealed and labeled for easy identification.
Protective foam will be placed inside the box to prevent any damage during transportation.
Shipping:
The air cooler condenser will be shipped via a reliable courier service.
Shipping time may vary depending on the location of the customer.
Customers will receive a tracking number to monitor the status of their shipment.
Any issues related to the shipment can be addressed by contacting our customer service team.

FAQ:

Q: Where is this air cooler condenser manufactured?
A: This air cooler condenser is manufactured in China.
Q: What certifications does this air cooler condenser have?
A: This air cooler condenser has CE and ISO certifications.
Q: What is the minimum order quantity for this air cooler condenser?
A: The minimum order quantity for this air cooler condenser is 1.
Q: What is the price range for this air cooler condenser?
A: The price range for this air cooler condenser is $200~$100000.
Q: What are the packaging details for this air cooler condenser?
A: The packaging details for this air cooler condenser are wooden case.
Q: What is the delivery time for this air cooler condenser?
A: The delivery time for this air cooler condenser is 30 work days.
Q: What are the payment terms for this air cooler condenser?
A: The payment terms for this air cooler condenser are T/T and L/C.

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