



Air Cooler Type Evaporator In Refrigeration System for Custom Cooling Applications

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: DM
- Certification: CE ISO
- Model Number: DM-LFJ-DD
- Minimum Order Quantity: 1
- Price: 1000-100000
- Packaging Details: Customization
- Delivery Time: 20day
- Payment Terms: TT, L/C
- Supply Ability: 300000/Year



Product Specification

- Power Supply: 220V/380V/415V
- Coil Tube: Copper
- Tyoe: Air Cooler
- Storage: Low Temperature Storage
- Application: Cold Storage/Cold Room/Freezer Room
- Customized: Acceptable
- Casing: Steel Plate With Plastic Spray
- Dimensions: Custom
- Highlight: 220v cold room evaporator,
380v cold room evaporator,
220v freezer room evaporator

Product Description

Air Cooler Type Evaporator In Refrigeration System for Custom Cooling Applications

Product Description:

D-Series Air Cooler: The Ideal Cooling Device for Cold Storages

The D-series air cooler, also known as an air cooler, is a highly efficient cooling device that is perfect for different types of cold storages such as civil cold storages or combined cold storages. It has revolutionized the way food is stored because it helps maintain the quality and freshness of the stored food.

The D-series air cooler comprises three main types: DL, DD, and DJ. Each type is designed to cater to the specific needs of cold storages having different storage temperatures.

One of the key benefits of the D-series air cooler is its compact size. It is lightweight and requires no cold storage area. This makes it easy to install and maintain, while saving on valuable space in the cold storage. Additionally, it ensures that the stored food is uniformly cooled, making it easier to organize and manage the entire cold storage.

The D-series air cooler's high efficiency is another significant advantage. It rapidly cools food stored in the cold storage, which slows down bacterial growth and significantly extends the freshness of the stored food.



Features:

1. The shell of our product is designed with either plastic spraying or embossed aluminum plate, and the surface is plastic sprayed. This manufacturing process enhances the product's resistance to corrosion, while also providing it with a beautiful appearance.
2. We have arranged the coil of our product in a novel way to minimize wind side resistance. The copper tube is tightly fastened to the fin by mechanical expansion after the sheet installation. This helps reduce the contact thermal resistance, significantly improving the heat transfer efficiency.
3. Upon completion of the pressure test, our product undergoes a thorough cleaning process using trichloroethylene inside the tube. This process effectively removes any residual oil, moisture, and oxide scale that may be present.
4. We have handpicked a special fan motor with low power consumption, low noise levels, large air volume, and long-range capabilities. Our product is not only designed to perform optimally under humid and low temperature conditions but also operate quietly.
5. The electric heating tube that we've incorporated into our product is a U-shaped tubular stainless steel, insulated for efficient conductivity. It is inserted into the coil, and the spacing distribution and power design are rational. This ensures a short defrosting time and optimal defrosting performance.
6. Our product is easy to handle, thanks to the slot-type hanger used for lifting.
7. Before leaving our factory, all products are nitrogen-filled and pressure-maintained, ensuring that they are in top condition when delivered to our clients.

Model	Refrigerating capacity(W)	Nominal area()	Volume (L)	Fan Number	Fan diameter(mm)	Air volume (m³/h)
DD-1.2/7	1225	7	1.4	1	300	1563
DD-2.8/15	2825	15	2.7	2	300	3126
DD-3.7/22	3700	22	3.5	2	350	4580
DD-5.3/30	5300	30	5.8	2	400	6800
DD-7.0/40	7000	40	7.6	2	400	6800
DD-11.2/60	11200	60	10.1	2	500	11000
DD-14.9/80	14900	80	13.5	2	500	11000
DD-18.7/100	18700	100	17.3	3	500	18000
DD-22.3/120	22300	120	19.6	3	500	18000
DD-26.2/140	26200	140	22.7	4	500	24000
DD-29.8/160	29800	160	25.8	4	500	24000
DD-37.2/200	37200	200	32.2	4	500	24000

DD-48.4/255	48400	250	41.9	4	550	32000
DD-57.9/310	57900	310	51.6	4	600	36000

Applications:

There are three types of cold storage that are suitable for different temperature ranges. The DL type is appropriate for cold storage with a storage temperature of approximately 0 , which is ideal for fresh eggs or vegetables.

The DD type, on the other hand, is more appropriate for cold storage with a temperature below freezing, usually around -18 . This is optimal for refrigerating frozen foods such as meat and fish to preserve their freshness.

If you require even colder temperatures, the DJ type is the best option with a storage temperature of -25 . This option is perfect for quickly freezing meat, fresh fish products, and prepared foods.

Support and Services:

The Cold Room Evaporator is a high-quality product that is designed to provide efficient cooling for cold storage facilities. Our technical support team is available to answer any questions you may have regarding the installation, operation, and maintenance of our product. We also offer a range of services to ensure that your Cold Room Evaporator is always running at peak performance. These services include:

Regular maintenance and cleaning to prevent system failures and ensure optimal performance

Emergency repair services to minimize downtime and prevent product loss

Upgrades and retrofits to keep your system up-to-date with the latest technology

Technical training for your staff to ensure safe and efficient operation of the equipment

Our goal is to provide our customers with the best possible service and support to ensure that their Cold Room Evaporator is always operating at its best. Contact us today to learn more about our technical support and services.



Packing and Shipping:

Product: Cold Room Evaporator

Packaging: The Cold Room Evaporator will be carefully packed in a sturdy cardboard box with ample cushioning material to ensure safe delivery.

Shipping: We offer standard shipping for the Cold Room Evaporator within the United States. We use reliable carriers to ensure timely delivery of your product. Expedited shipping options are also available at an additional cost.



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