



## Counter Flow Cooling with Hydrophilic Coating Evaporator In Refrigeration System A Smart Solution

Our Product Introduction

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

### Basic Information

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



### Product Specification

- Expansion Valve: Danfoss
- Coil Type: Copper Tube And Aluminum Fin
- Operating Cycle: Long
- Fin Surface Treatment: Hydrophilic Coating
- Fin Distance: 4.5mm Or Customized
- Thermostat Range: 0°C To 10°C
- Storage: Low Temperature Storage
- Defrosting: Electrical
- Highlight: Refrigeration System Evaporator,  
Counter Flow Cooling Evaporator,  
Hydrophilic Coating Evaporator

## Product Description



### DM-Air Cooler/Evaporator

**DM** Air Cooler is the four-air-outlet air cooler is specifically engineered for large cold storage rooms requiring uniform temperature distribution. Featuring a triple-directional airflow design, this unit ensures even cooling across wide spaces, minimizing temperature gradients and improving overall storage efficiency. Built with high-quality aluminum fins and copper tubing, it delivers excellent heat exchange performance while maintaining low energy consumption. Ideal for medium to low temperature applications, this air cooler combines reliability, durability, and ease of maintenance.



### Product Description:

The Four-Way Air-Cooled Evaporator, created and produced by **Zhejiang Damai Cold Chain Equipment Co., Ltd.**, serves as an advanced air cooling system tailored for effective refrigeration in cold storage scenarios.

This unit is specifically engineered to facilitate optimal air circulation and dependable functionality, guaranteeing consistent cooling across the entire storage area. As a result, it is well-suited for diverse temperature-controlled settings.



### Features:

Four-way air discharge design ensures even and efficient airflow distribution. This feature is essential for optimal performance, allowing the air to be evenly distributed throughout the space.

The unit is equipped with high-efficiency aluminum fins and copper tubing to enhance the heat exchange performance. This design promotes efficient heat transfer, ensuring that the cooling or heating process is carried out effectively.

Low-noise axial fans are incorporated into the system, providing strong air volume while offering a long service life. This ensures a comfortable environment without the disturbance of loud operating noise.

To enhance durability in challenging environments, the unit undergoes anti-corrosion surface treatment. This ensures long-term resilience in low-temperature and high-humidity settings, extending the lifespan of the equipment.

The unit offers flexibility with options for electric defrost or hot gas defrost, catering to different operational requirements. This adaptability allows users to choose the most suitable defrosting method for their specific needs.

With a compact and modular design, the unit is easy to install and maintain. The user-friendly design facilitates hassle-free installation and servicing, making it convenient for users to manage and upkeep the equipment.



### 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.❶

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.❷

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.❸

We want to establish a bright future with potential partners together!❹



**Technical Parameters:**

Thermostat Range	0°C To 10°C
Fin Distance	4.5mm Or Customized
Cooling Type	Counter Flow
Category	Evaporator
Expansion Valve	Danfoss
Production Capacity	5000000000 pieces/Year
Defrosting	Electrical
Function	Refrigeration
Coil Type	Copper Tube And Aluminum Fin
Storage	Low Temperature Storage



**APPLICATION**

**Applications:**

**Medium and Large-Sized Cold Rooms**

Medium and large-sized cold rooms are designed to store perishable goods at specific low temperatures for prolonged periods. These facilities are equipped with advanced refrigeration systems to maintain ideal storage conditions and ensure the freshness of the stored products.

**Food Processing and Storage Facilities**

Food processing and storage facilities play a crucial role in the food supply chain by providing adequate storage capacity for processed and raw food items. These facilities are essential for maintaining food safety standards and preventing spoilage.

**Agricultural Product Preservation**

Agricultural product preservation involves storing fresh produce such as fruits and vegetables in cold storage facilities to extend their shelf life. These facilities help prevent decay and maintain the quality of agricultural products.

**Supermarket Back-End Storage**

Supermarket back-end storage refers to the cold storage areas at the rear of supermarkets where perishable goods are stored before they are displayed for sale. These areas are essential for stock management and ensuring the availability of fresh products for customers.

**Pharmaceutical and Chemical Cold Storage**

Pharmaceutical and chemical cold storage facilities are specialized storage units designed to maintain specific temperature and humidity levels to preserve the efficacy and integrity of sensitive medications and chemicals. These facilities adhere to stringent regulations to ensure product safety.



**Customization:**

Cold Room Air Cooler Product Customization Services: -----  
Brand Name: DM  
Model Number: DM-COOLER-DD/DJ/DL  
Place Of Origin: China  
Certification: CE ISO  
Minimum Order Quantity: 1  
Price: \$1000-\$100000  
Packaging Details: Customization  
Delivery Time: 20 days  
Payment Terms: TT, L/C  
Supply Ability: 300,000 units/year  
Thermostat Range: 0°C to 10°C  
Cooling Type: Counter Flow  
Production Capacity: 5,000,000,000 pieces/year  
Coil Type: Copper Tube and Aluminum Fin  
Name: Refrigeration Evaporator  
Keywords: Cold Room Air Cooler, Evaporator In Refrigeration System, Evaporation Air Cooler



**Support and Services:**

The Cold Room Evaporator product offers comprehensive technical support and services to ensure optimal performance and reliability. Our team of experts is dedicated to assisting customers with any product-related inquiries, troubleshooting issues, and providing guidance on maintenance and operation.



**FAQ:**

Q: What is the brand name of the Cold Room Evaporator?  
A: The brand name of the Cold Room Evaporator is DM.  
Q: What is the model number of the Cold Room Evaporator?  
A: The model number of the Cold Room Evaporator is DM-COOLER-DD/DJ/DL.  
Q: Where is the Cold Room Evaporator manufactured?  
A: The Cold Room Evaporator is manufactured in China.  
Q: What certifications does the Cold Room Evaporator have?  
A: The Cold Room Evaporator is certified with CE and ISO.  
Q: What is the minimum order quantity for the Cold Room Evaporator?  
A: The minimum order quantity for the Cold Room Evaporator is 1.

 **Zhejiang Damai Cold Chain Equipment Co., Ltd.**

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