



## Industrial-Grade and Compact Air Cooler Evaporator In Refrigeration System for Cold Storage Cold Room

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

- Color: White
- Temperature: Customization/12 -31
- Evaporating Temperature: -35°C To -5°C
- Widely Used: Chemical Industry, Light Industry
- Cooling Capacity: 1.5-10kW
- Key Words: Air Cooler
- Casing Color: White
- Air Throw: 9meters

## Product Description

### Product Description:

Our air coolers, also referred to as air-cooled evaporators, are specially engineered heat exchange units created for use in cold storage and refrigeration systems. These units are designed to deliver high performance by circulating cold refrigerant through internal copper tubes and aluminum fins. This innovative design facilitates the efficient absorption of heat from the storage space, thus helping to preserve stable low temperatures.

At our company, we provide a diverse selection of air cooler models tailored to accommodate various capacity requirements. Each of our products is customizable, allowing for adjustments in overall dimensions and copper tube thickness to ensure a precise match with your specific project specifications.

### Features:

**Efficient Heat Exchange:** High-quality aluminum fins and internal grooved copper tubes ensure fast and uniform cooling.

**Quiet Operation:** Low-noise axial fans provide powerful airflow with minimal sound.

**Anti-Corrosion Materials:** Surface-coated casing and corrosion-resistant coils extend product lifespan even in humid or salty environments.

**Easy Installation & Maintenance:** Compact design, accessible panels, and standard mounting holes reduce installation time.

**Full Customization:** Dimensions, fan size, fin spacing, copper tube thickness, and casing materials can all be tailored to your specific needs.

**Defrosting Options Available:** Electric, hot gas, and water defrosting systems can be configured according to your environment.

### Technical Parameters:

Temperature	Customization/12 -31
Power Supply	220V/50Hz
Cooling Capacity	1.5-10kW
Evaporating Temperature	-35°C To -5°C
Fan Type	Axial Fan
Cold Room Type	Cold Storage (Cold Room)
Refrigerant	R404A
Key Words	Air Cooler
Coil Tube	Copper
Casing Color	White

### Applications:

#### Cold Storage Rooms (0~10°C)

Cold storage rooms are designed to maintain temperatures between 0 to 10°C, providing ideal conditions for the storage of a variety of perishable goods such as dairy products, fruits, and vegetables. These rooms are essential for preserving the freshness and quality of temperature-sensitive items.

#### Freezer Rooms (-18°C and below)

Freezer rooms are characterized by temperatures of -18°C and below, creating a freezing environment suitable for the long-term storage of frozen foods such as meats, seafood, and ice cream. These rooms play a crucial role in preventing the growth of harmful bacteria and maintaining food safety.

#### Seafood and Meat Storage

Specialized cold storage facilities are utilized for the preservation of seafood and meat products, ensuring that they are kept at optimal temperatures to prevent spoilage and maintain freshness. Proper storage helps to extend the shelf life of perishable items and safeguards against contamination.

#### Fruit and Vegetable Preservation

Cold storage rooms are also utilized for fruit and vegetable preservation, providing a controlled environment that helps to slow down the ripening process and retain the nutritional value of fresh produce. Maintaining the right temperature and humidity levels is critical for preserving the quality of fruits and vegetables during storage.

#### Pharmaceutical and Medical Cold Rooms

Pharmaceutical and medical cold rooms are used for storing temperature-sensitive drugs, vaccines, and other medical supplies that require strict temperature control to maintain their efficacy and safety. These specialized cold storage units are designed to comply with stringent regulations and ensure the integrity of medical products.

#### Grain or Seed Storage

Cold storage rooms are crucial for grain or seed storage, providing a suitable environment to preserve the quality of grains and seeds by controlling temperature and humidity levels. Proper storage conditions help to prevent mold growth and insect infestation, ensuring the viability of stored grains and seeds.

#### Industrial and Laboratory Refrigeration

Industrial and laboratory refrigeration systems are essential for maintaining specific temperature requirements in industrial processes and scientific experiments. These refrigeration units are designed to provide precise temperature control for various applications, ensuring the proper storage and handling of sensitive substances and materials.

**Customization:**

Product Customization Services for the Cold Room Evaporator:  
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: 300000/Year  
Cold Room Type: Cold Storage (Cold Room)  
Key Words: Air Cooler, Commercial Evaporative Air Cooler, Cool Room Evaporators, Air Cooled Evaporator  
Fan Type: Axial Fan  
Air Throw: 9 meters  
Evaporating Temperature: -35°C To -5°C

**Support and Services:**

The Product Technical Support and Services for the Cold Room Evaporator include: -----  
- Installation assistance and guidance  
- Troubleshooting support for any operational issues  
- Maintenance recommendations and schedules  
- Repair services for any damaged components  
- Upgrades and enhancements to improve performance

**FAQ:**

Q: What is the brand name of the Cold Room Evaporator? -----  
A: The brand name is DM.  
Q: What are the different model numbers available for the Cold Room Evaporator?  
A: The model numbers available are DM-COOLER-DD, DM-COOLER-DJ, and DM-COOLER-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 is 1.



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