



DD Series Refrigeration Air Cooler for Cooling Systems in -18°C Cold Storage Applications

Our Product Introduction

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Basic Information

- Brand Name: DM
- Certification: CE ISO
- Model Number: DM-COOLER-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

- Housing Material: Iron/galvanized Steel/stainless Steel
- Casing Material: Galvanized Steel
- Cooling Capacity: 1.5-10kW
- Storage: Low Temperature Storage
- Heat Transfer Efficiency: High
- Standard Power Supply: 380V-3phase-50hz
- Evaporating Temperature: -35°C To -5°C
- Wind Flow: 30000m3/h
- Highlight: Cold Storage Refrigeration Air Cooler,
Cooling Systems Refrigeration Air Cooler

Product Description

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The DD ceiling cooler represents a state-of-the-art cooling solution specifically designed for cold storage environments. Utilizing advanced refrigeration technology, it excels in providing exceptional cooling performance and energy efficiency. The unique ceiling design not only maximizes the use of space but also ensures uniform distribution of cold air throughout the cold storage area, maintaining consistent low temperatures.

This cooler is a favored option for a diverse range of cold storage and warehouse facilities, particularly in commercial and industrial settings where precise temperature control is crucial. Its remarkable efficiency and dependable performance make it perfect for safeguarding the quality of perishable products and optimizing storage conditions.



Features:

Efficient Cooling Performance:

DD type cooler adopts efficient refrigeration system to ensure rapid cooling and maintain constant temperature. It can provide stable cooling effect even in environments with large temperature differences.

Energy-saving Design:

Equipped with intelligent temperature control system and high-efficiency compressor, it can minimize energy consumption, help users save operating costs and reduce energy waste.

Ceiling Installation:

The ceiling design saves the available space in the cold storage, avoids ground occupation, and is suitable for cold storage of different sizes.

Strong Durability:

The use of high-quality materials and anti-corrosion coating ensures the long-term stable operation of the equipment, and can maintain a long service life even in humid and low temperature environments.

Technical Parameters:

Model	Refrigeration capacity	Nominal area	Volume	Fan parameter			
				Number	Fan diameter	Power	Air volume
	W		L	N	mm	W	m³/h
DD-1.2/7	1225	7	1.4	1	300	75	1563
DD-2.6/15	2825	15	2.7	2	300	2×75	3126
DD-3.7/22	3700	22	3.5	2	350	2×129	4580
DD-5.3/30	5300	30	5.8	2	400	2×180	6800
DD-7.0/40	7000	40	7.6	2	400	2×180	6800
DD-11.2/60	11200	60	10.1	2	500	2×414	11000
DD-14.9/80	14900	80	13.5	2	500	2×414	11000
DD-18.7/100	18700	100	17.3	3	500	3×414	18000
DD-22.3/120	22300	120	19.6	3	500	3×414	18000
DD-26.2/140	26200	140	22.7	4	500	4×414	24000
DD-29.8/160	29800	160	25.8	4	500	4×414	24000
DD-37.2/200	37200	200	32.2	4	500	4×414	24000
DD-48.4/255	48400	250	41.9	4	550	4×600	32000
DD-57.9/310	57900	310	51.6	4	600	4×780	36000

Applications:

Food Cold Storage:

Applicable to food storage and preservation, such as refrigeration of fruits, vegetables, meat, seafood, and other products. Ensure the freshness and quality of food by precisely controlling the temperature.

Pharmaceutical Cold Storage:

In the pharmaceutical industry, it is used to store products with strict temperature requirements such as medicines, vaccines, and blood products. DD-type coolers provide a stable low-temperature environment, which helps to ensure the effectiveness and safety of medicines.

Chemical Cold Storage:

Used to store chemical raw materials and special chemicals, especially some temperature-sensitive substances, to ensure that they are not affected by changes in ambient temperature.

Biotechnology and Laboratory Refrigeration:

Applicable to the storage of biological samples, experimental reagents, and scientific research materials, and the environment where the cold storage temperature needs to be precisely controlled.

Logistics Cold Storage:

In cold chain logistics, DD-type coolers can provide efficient and stable temperature control to ensure that food and medicines are kept at a suitable temperature during transportation and reduce losses.

Large Commercial Cold Storage:

Applicable to supermarkets, storage centers, and distributors that require large-scale refrigeration. Its high efficiency and energy-saving characteristics can help reduce operating costs.



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