

# Quick Freezing Evaporator

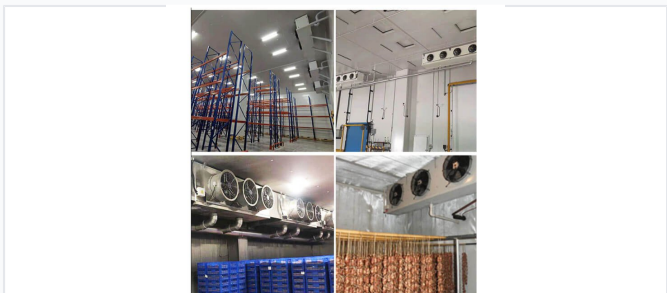
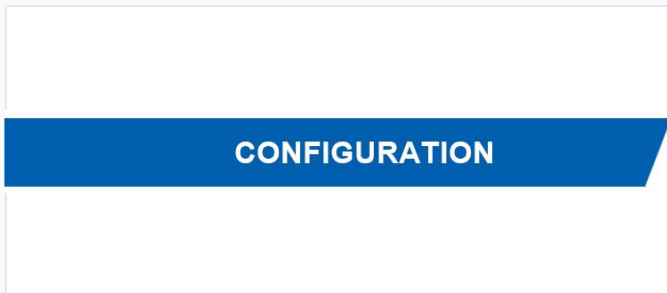
This air cooler is designed for use in refrigeration systems requiring quick temperature reduction. It is suitable for use in cold rooms and freezers where rapid cooling is critical.



## ADDITIONAL IMAGES



## Overview



### High-Performance Quick Freezing Solutions

The DJ series quick-freezing evaporator is engineered for rapid temperature reduction in demanding industrial refrigeration environments. Designed specifically for frozen libraries operating at -25°C or lower, it ensures uniform cooling and efficient heat transfer. With robust construction and customizable material options, this unit is an ideal choice for cold storage, food processing, and blast freezing applications.

## Technical Specifications

### Series Application Range

Series Type	Storage Temperature	Primary Application
DL Type	~ 0°C	Preservation storage
DD Type	-18°C	Refrigerator storage
DJ Type	-25°C or less	Frozen library/Quick freezing

## Fan System



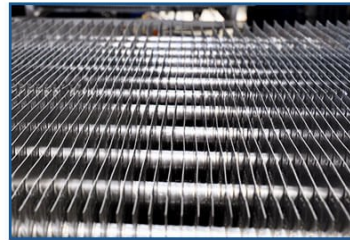
### Fan Motor Specifications

- Power: 380V / 50Hz Three-phase
- Motor Type: Outer rotor net cover fan
- Protection Grade: IP54
- Insulation Grade: F
- Operating Range: -30°C to 60°C

### Available Fan Diameters

450mm, 500mm, 550mm, 600mm, 630mm

## Construction Materials



### Fin Materials

Aluminum • Copper

### Pipe Materials

Copper • Stainless Steel

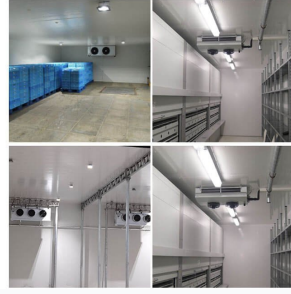
## Manufacturing Process

### Production Workflow

- Punching and Nesting plate preparation
- Expanding and connecting components
- Internal pipe cleaning
- U-tube seamless welding
- Seamless welding inspection
- Final assembly
- Packaging and Shipping

## Application

APPLICATION



Suitable Environments

Cold Storage, Food Processing, Blast Freezers, Industrial Ventilation