

# DL Series High Temperature Air Cooler

The DL series air cooler is designed for use in refrigeration systems, and can be applied to different storage temperatures. It is suitable for use in preservation at around 0 .



## ADDITIONAL IMAGES



## Product Overview

# CONFIGURATION

### DL Series High Temperature Air Cooler

The DL series high temperature air cooler is a robust refrigeration unit specifically engineered for preservation storage at temperatures around 0°C. Designed for use with Freon refrigeration systems, it features high-performance axial fans and a durable construction suitable for cold storage and food processing environments. This series provides a dependable solution for industrial cooling applications requiring consistent temperature control and efficient heat exchange.

### D Series Classification

Series Type	Application Temperature
DL Type	Preservation around 0°C
DD Type	Refrigerator storage at -18°C
DJ Type	Frozen library at -25°C or less

## Technical Specifications



### Fan Performance

**380 V**

Voltage

**50 Hz**

Frequency

**54 IP**

Protection Grade

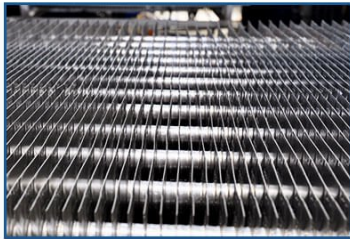
### Insulation Class

Class F

### Temperature Application Range

-30°C to 60°C

## Construction & Materials



### Available Fan Diameters

- 450
- 500
- 550
- 600
- 630

### Fin Materials

Aluminum, Copper

### Pipe Materials

Copper, Stainless Steel

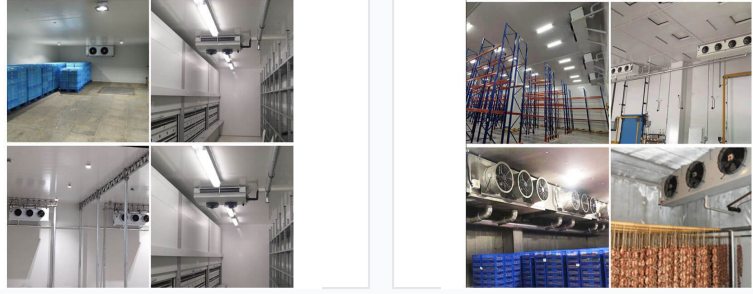
## Manufacturing Process

### Production Workflow

- Punching
- Nesting plate preparation
- Expanded-connecting
- Pipe cleaning
- U-tube seamless welding
- Seamless welding inspection
- Assembly
- Packaging and Shipping

## Application Areas

APPLICATION



Target Applications

Cold Storage, Food Processing, Industrial Cooling, HVAC&R Systems