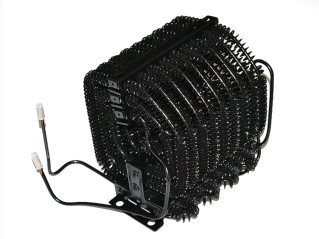


# Refrigeration System Condenser Unit

This condenser unit is designed for refrigeration systems to reject heat. It features multiple rows of coiled fins and connection tubes for efficient heat dissipation.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Condenser Unit

This refrigeration condenser unit is engineered for optimal heat dissipation in refrigerators and freezers. Utilizing advanced steel strip winding and folding roll techniques, it ensures reliable performance and durability. The unit features a specialized cathodic electrophoretic coating for superior corrosion resistance, meeting rigorous industry standards for cleanliness and thermal efficiency.

## Construction & Materials

### Material Composition

- Condenser tube: Coil welded steel
- Support: Cold rolled plate (0.6-2.0mm thickness)
- Cold rolled steel strip (0.2-0.3mm thickness)

### Condenser Tube Specifications

Coil welded steel tube 4.76mm x 0.71mm

### Structure Types

Steel strip winding, Folding roll type

## Coating & Durability

### Coating Performance Metrics

**20  $\mu$ m**

Max Coating Thickness

**72 hours**

Salt Spray Resistance

### Coating Specifications

Property	Requirement
Hardness	e2
Adhesion	e2
Flexibility	R=3D, 180° bend (no cracking)
Impact Resistance	50cmg.kg/cm

## Cleanliness Standards

### Cleanliness Standards

Contaminant	Maximum Limit
Residual Moisture	d5ng/100cm <sup>3</sup>
Residual Impurities	d10ng/100cm <sup>3</sup>
Residual Mineral Oil	d100ng/100cm <sup>3</sup>
Residual Chloride Ion	d50ppm
Residual Paraffin	d8ng/m <sup>2</sup>

### Refrigerant Compatibility

R134a • CFC