Aluminium Roll-Bond™ evaporators provide unique design flexibility for direct cooling refrigeration systems.

Roll-Bond™ evaporators deliver efficient thermal performance in a product that can be shaped to fit most applications. Whether your product requires a simple flat panel or a multi-shaped evaporator, our engineers will work closely with you to develop the best solution.

The process and products are compatible to R134a and R600.

They can be supplied in four different manufacturing stages: inflated, stamped, welded, painted (with connectors - aluminium, copper aluminium or heat exchanger).

The integration of the primary and secondary plates, together with the aluminium thermal conductivity, supply excellent thermal transfer characteristics and can be offered in different finishes.

Models

1. Shelf System; 2. Flat Panel; 3. Flat Panel; 4. Box Type; 5. "U"-Shape; 6. "C"-Shape
CHARACTERISTICS

Dimensional Specification

Standard Roll Bond Process

Cross Section - Single-Side Inflated

Cross Section - Two Sides Inflated

Table and Design Limitations (mm)

MECHANICAL PROPERTIES

Painting Specification

PAINTING SPECIFICATION

MECHANICAL PROPERTIES

Aluminium alloy | Tension Resistance (Kg / mm²) | Expansion (%) | Yield Strength (Kg / mm²)
---|---|---|---
1100 (ASTM)* | 7.7 - 10.9 | 35 | 2.1 - 3.6

*Alternative alloy: 3003 (ASTM)

Painted Type

Single side Painted

Both sides Painted

Thickness

Hardness

Colour

Painted Side: Appliance White

Unpainted Side: Flash coating of painting

Appliance white

Custom design specifications are available upon request. Please contact the sales department.

We are the name behind the world’s leading refrigeration appliances

Bundy delivers safe, high-quality, technology-driven heat transfer and fluid-carrying components to meet the demands of global brands in the refrigeration and household appliance industry.

Every day, Bundy know-how puts more than 60 years of experience to work. With facilities throughout Europe and the Americas, Bundy serves the needs of an industry the world relies on.

ITALY | GERMANY | HUNGARY | TURKEY | BRAZIL

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