

ROLL BOND

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

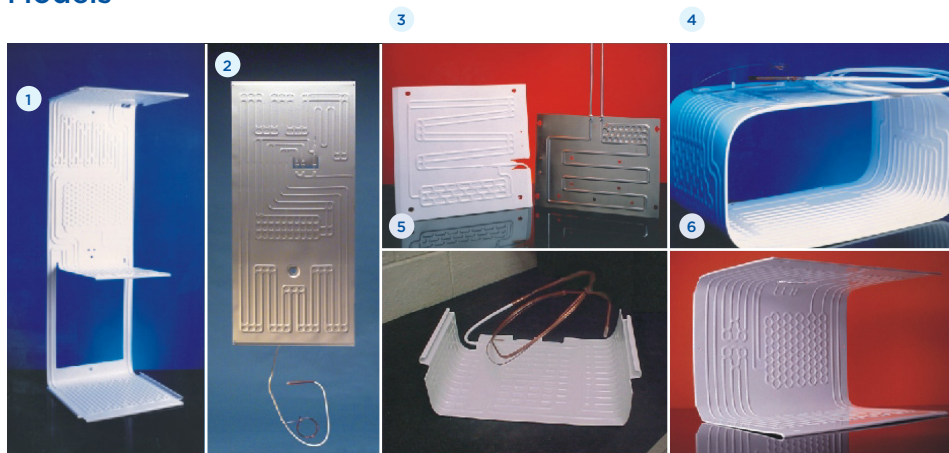
Roll-Bond™ evaporators deliver efficient thermal performance in a product that can be shaped to fit most applications. Whether your product requires a simple flat panel or a multi-shaped evaporator, our engineers will work closely with you to develop the best solution.

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).

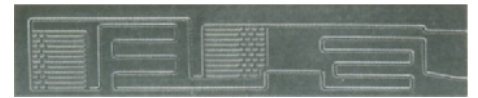
The integration of the primary and secondary plates, together with the aluminium thermal conductivity, supply excellent thermal transfer characteristics and can be offered in different finishes.

Models

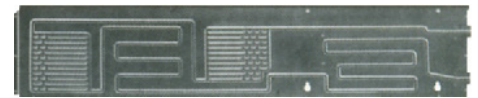


1. Shelf System; 2. Flat Panel; 3. Flat Panel; 4. Box Type; 5. "U"-Shape; 6. "C"-Shape

FINISHES



Inflated



Stamped



Welded



Painted

ROLL BOND

CHARACTERISTICS

Dimensional Specification

Standard Roll Bond Process

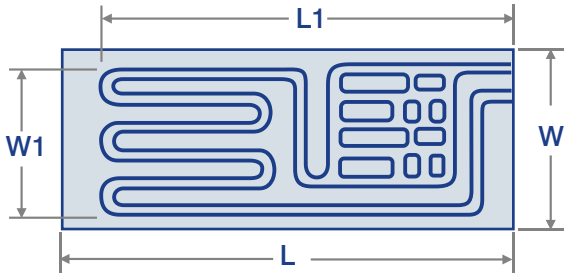


Table and Design Limitations (mm)

	W (mm)	L (mm)	W1 (mm)	L1 (mm)
Inflated	780	3440	730	3340
Stamped	780	3000	730	-
Painted	780	2200	730	-

MECHANICAL PROPERTIES

Aluminium alloy	Tension Resistance (Kg / mm ²)	Expansion (%)	Yield Strength (Kg / mm ²)
1100 (ASTM)*	7,7 - 10,9	35	2,1 - 3,6

*Alternative alloy: 3003 (ASTM)

PAINTING SPECIFICATION

	Single side Painted	Both sides Painted
Painted Type	Epoxy - Poliester Powder	
Thickness	30 - 60 μ	
Hardness	HB Pencil	
Colour	Painted Side: Appliance White Unpainted Side: Flash coating of painting	Appliance white

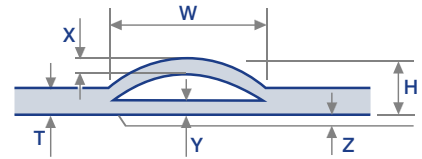
Custom design specifications are available upon request.
Please contact the sales department.

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

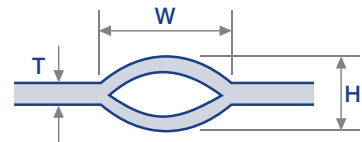
Bundy delivers safe, high-quality, technology-driven heat transfer and fluid-carrying components to meet the demands of global brands in the refrigeration and household appliance industry.

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.

Cross Section - Single-Side Inflated



W (mm)	H (mm)	T (mm)	X (mm)	Y (mm)	Z (mm)
9,0	3,0	1,5	0,6	0,9	0,4
10,0					
11,0					



Cross Section - Two Sides Inflated

T (mm)	H (mm)	W (mm)
1,1 / 1,2	3,8	6,0
		8,0
	4,0	9,0
1,3	3,8	10,0
		6,0
	4,0	8,0
1,4	4,0	9,0
		10,0
	4,6	11,0
1,5	4,6	9,0
		10,0
		11,0



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