

# NO-FROST EVAPORATORS

## Models

### OPTIMIZER™

The Optimizer™ line of No-Frost evaporators represents a significant advance in No-Frost technology.

The unique and patented design improves thermal efficiency by up to 30% and allows designers to customize air flow patterns to optimize defrost performance.

The flexibility to control fin placement makes the Optimizer™ an ideal solution for new applications that are required to meet stringent energy requirements.

### SOLID FIN

Bundy Refrigeration offers traditional solid fin evaporators in a wide range of sizes.

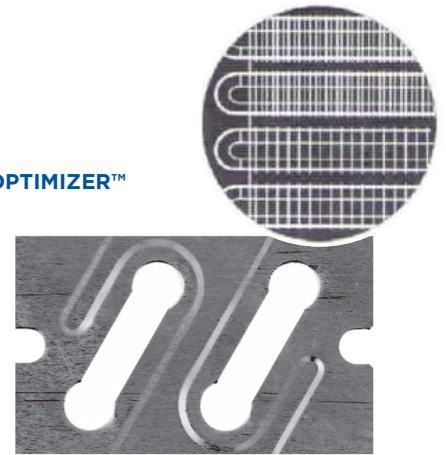
These products offer ease of installation in existing applications and are ideal for systems that direct air through the large front face of the evaporator.

### CHARACTERISTICS

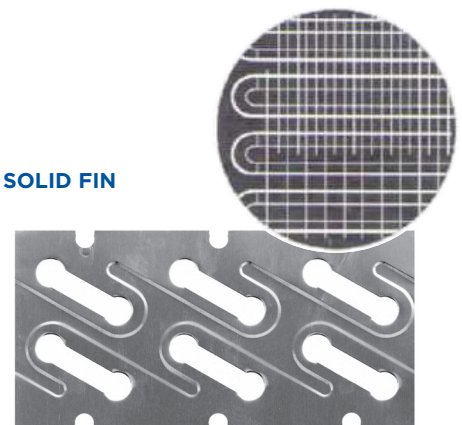
- Modular design which offers application, manufacturing and installation flexibility
- Flexibility for positioning fin gaps, permitting greater airflow efficiency
- Staggered fins pattern results excellent thermal efficiency
- The simple or multiple fin design offers ideal solutions for replacement of existing products or for new applications
- The variable parameters in the size of the product ensure a global design with efficient and installation-friendly solutions
- Recyclable material.



OPTIMIZER™



SOLID FIN



# NO-FROST

## CHARACTERISTICS

### OPTIMIZER™

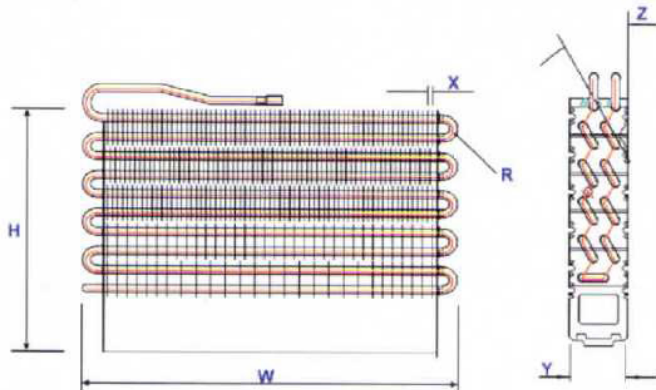
- Staggered fin & tube patterns for optimum primary and secondary surface heat transfer
- Horizontal and vertical flexibility in fan placement to optimize frost tolerance and airflow

*Bundy Refrigeration offers completely assembled and tested no-frost evaporator assemblies which can include integral mounting brackets, defrost heater, drain pan, accumulator and traditional copper or alum heat exchanger.*

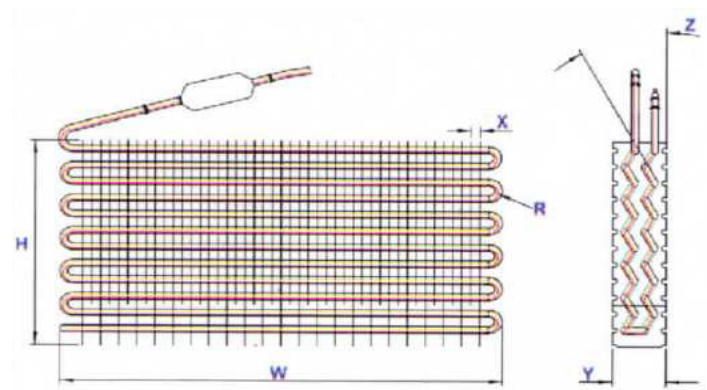
### SOLID FIN

- Staggered tube pattern for better primary surface

### OPTIMIZER™



### SOLID FIN



W max (mm)	H max (mm)	X max (mm)	R standard (mm)	Z standard (mm)	Y (mm)
490	230	5mm or multiples	11,1	30°	50,59,5

W max (mm)	H max (mm)	X max (mm)	R standard (mm)	Z standard (mm)	Y (mm)
530	275	1/4", 10mm or according customer requirements	11,1	30°	50,59,5

<b>No. of rows</b>	from 4 to 12 rows
<b>No. of banks</b>	2 (standard) (side view)
<b>Tube</b>	Aluminium ASTM 1070, 1350 Outer diameter 8,00 mm x thickness 0,7mm
<b>Fin</b>	Aluminum ASTM 1230 or 1100 H18, thickness (0,138mm / 0,15mm), depth (50mm / 59,5mm) Fin number max: 102
<b>Connection options</b>	Evaporators with copper stubs for suction line and capillary tube brazing or aluminium tube ends reduction or expansion
<b>Other components</b>	Add copper or aluminium accumulator tube, brackets and heating elements upon customer request

<b>No. of rows</b>	from 4 to 12 rows
<b>No. of banks</b>	2 (standard) (side view)
<b>Tube</b>	Aluminium ASTM 1070, 1350 Outer diameter 8,00 mm x thickness 0,7mm
<b>Fin</b>	Aluminum ASTM 1230 or 1100 H18, thickness (0,138mm / 0,15mm), depth (50mm / 59,5mm) Fin number max: 76
<b>Connection options</b>	Evaporators with copper stubs for suction line and capillary tube brazing or aluminium tube ends reduction or expansion
<b>Other components</b>	Add copper or aluminium accumulator tube, brackets and heating elements upon customer request

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



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## 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.