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.

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.
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.

**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

**SOLID FIN**
- Staggered tube pattern for better primary surface

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**W**, **H**, **X**, **R**, **Z**, **Y**

<table>
<thead>
<tr>
<th>W max (mm)</th>
<th>H max (mm)</th>
<th>X max (mm)</th>
<th>R standard (mm)</th>
<th>Z standard (mm)</th>
<th>Y (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>490</td>
<td>230</td>
<td>5mm or multiples</td>
<td>11.1</td>
<td>30°</td>
<td>50,59,5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>W max (mm)</th>
<th>H max (mm)</th>
<th>X max (mm)</th>
<th>R standard (mm)</th>
<th>Z standard (mm)</th>
<th>Y (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>530</td>
<td>275</td>
<td>¼&quot;, 10mm or according customer requirements</td>
<td>11,1</td>
<td>30°</td>
<td>50,59,5</td>
</tr>
</tbody>
</table>

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**OPTIMIZER™**

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

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**SOLID FIN**

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

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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.