Goedhart® ZFB / ZFZ air coolers

CUSTOMIZED AIR COOLERS
COOLING & FREEZING (FEZN)

YOUR BENEFITS

- **Powerful when needed:** High performance due to application-suited circuit design
- **Optimized heat exchanger geometry and an aerodynamically integrated fan system:** Higher specific power, reduced fan speed and air velocity through the coil and significantly reduced current consumption
- **Variable air direction** of all fan variants – blow-through as draw-through
- **For cooling and freezing application** like food & beverage distribution centers, logistics centers, leisure and production shop floors
- **Flexible power spectrum** due to a numerous of variants and configuration possibilities
- **Long-term assurance:** highly efficient, ErP 2015 fans
- **Easily accessible and easy to clean components:** Hinged drip tray prepared, easy removable cover plates
- **Easy installation:** Delivered on a wooden frame for easy mounting
- **Customize** the air cooler with many available options and accessories

CAPACITY RANGE

<table>
<thead>
<tr>
<th>Refrigerant</th>
<th>Capacity Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>NH₃</td>
<td>3,2 kW - 75 kW</td>
</tr>
<tr>
<td>C₂</td>
<td>2 kW - 70 kW</td>
</tr>
<tr>
<td>Coolant</td>
<td>3,4 kW - 95 kW</td>
</tr>
</tbody>
</table>

- t₁=0°C | t₀=−8°C | DT=8K (SC2) | NH₃ pump
- t₁=0°C | t₀=−8°C | DT=8K (SC2)
- t₁=5°C | t₀=−7°C | t₀=−4°C | E-glyol 37%
With the Goedhart selection program you can select accurately and in detail the right equipment and spare parts for your customer. The program supports you in reliable project planning and saves time in detail design.

**HEAT EXCHANGER**

- ** Coil block**: Steel tubes & fins, hot dipped galvanized
- ** Tube System**: Aligned - 22 mm o.d.
- ** Tube spacing**: 60 x 60 mm
- ** Fin spacing**: [in mm]
  - 6.0 | 8.0 | 10.0 | 12.0

**DEFROST**

- AC Technology
- EC Technology
- Rapid Cooling
- Deep Freezing
- ATEX
- 60 Hz

**Variants & Accessories**

- Defrost sock (Adapter connection, integrated) -draw
- Air throw streamer -draw
- Diffusor (with air operated damper) -blow
- Hinged fans and/or driptray
- Polyester driptray
- Suction hood fan side (-blow) or fin side (-draw)
- Insulated drip tray (with anti-condensation heating)
- Feet for floor mounting and insulation disks

**Materials**

<table>
<thead>
<tr>
<th>Material</th>
<th>Tube</th>
<th>Fins</th>
<th>Casing</th>
<th>End Plate</th>
<th>Fan Guard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steel hot dipped galvanized</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum Almg</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steel sendzimir zinc-plated</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epoxy spray finishing (White)</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epoxy spray finishing (RAL 9005)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Stainless Steel V2A (304)</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Stainless Steel V4A (316)</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

© Kelvion • All rights reserved • 02/17

Kelvion Refrigeration B.V. | Nijverheidsweg 6 | 4695 RC Sint-Maartensdijk | Netherlands
Phone +31 (0) 166 665 665 | Fax +31 (0) 166 663 698 | sint-maartensdijk@kelvion.com | www.kelvion.com

With the Goedhart selection program you can select accurately and in detail the right equipment and spare parts for your customer. The program supports you in reliable project planning and saves time in detail design. www.kelvion.com