Compact Water Chiller

MINICHILLY

NEW MODEL!

- Compact cooling unit made of stainless steel
- Ice-bank at 0°C (32°F) water temperature
- For low water temperature ranges down to -6°C (21.2°F)
- Stainless steel coil for direct product cooling available
MINICHILLY

The compact cooling unit MiniChilly, made of stainless steel, is an ideal solution for micro-breweries, hobby brewers and smaller wineries who only need cooling for their applications.

The MiniChilly is available in three sizes, with cooling capacities of 0,5 to 1,7 kW (0,67 to 2,21 HP). At 0°C (32°F) water temperature an ice-bank will be built around the tubes which provides an additional, stored cooling capacity. When used for flash-cooling, it boosts the capacity of the unit, giving a constant cooling temperature over a longer time period. An additional stainless steel coil for direct cooling of liquids can be integrated as an option, even afterwards. The MiniChilly is able to cool water down to -6°C using glycol.

APPLICATIONS

- Passive cooling of fermentation and storage tanks
- Cooling of must and wine for pre-clearing and cristal stabilisation
- Cooling of rooms and storage halls - with additional fan coils
- With stainless steel coil (option): direct cooling of liquids (active cooling)

WATER TEMPERATURE RANGE

from -6°C to +30°C (from 21,2°F to 86°F)

AMBIENT TEMPERATURE RANGE

from +10°C to +32°C (from 50°F to 89,6°F)

SUITE FOR INDUSTRIES

![MiniChilly - with ice-bank](image)

![Stainless steel coil for MiniChilly](image)

CHARACTERISTICS

- Thermostatic controller (Carel)
- Complete cooling water circuit containing a water tank and a submersible pump with stirrer (50/60Hz)
- Evaporator made of stainless steel
- Fill level display and tank draining outside the unit
- Stainless steel housing
- Separate pump switch next to the controller
- Refrigerant R134a
- Option: Stainless steel coil for direct product cooling can be integrated, inner tube diameter 10mm
- Ice-bank built at 0°C water temperature
- It is required to add Glycol (30 - 35%) to the cooling water by outlet temperatures below 0°C (building of an ice-bank not possible then)

![MiniChilly 05](image)

![MiniChilly 09](image)

![MiniChilly 17](image)

<table>
<thead>
<tr>
<th>TECHNICAL DATA</th>
<th>MiniChilly 05</th>
<th>MiniChilly 09</th>
<th>MiniChilly 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling capacity at 0°C water temperature *</td>
<td>kW (HP)</td>
<td>0,39 (0,52)</td>
<td>0,81 (1,09)</td>
</tr>
<tr>
<td>Cooling capacity at 15°C water temperature *</td>
<td>kW (HP)</td>
<td>0,80 (1,07)</td>
<td>0,90 (1,21)</td>
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<tr>
<td>Electrical supply</td>
<td></td>
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<tr>
<td>Nominal power input</td>
<td>kW</td>
<td>0,35</td>
<td>0,49</td>
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<tr>
<td>Tank capacity</td>
<td>l</td>
<td>27</td>
<td>27</td>
</tr>
<tr>
<td>Inlet / outlet connection</td>
<td></td>
<td>¾&quot; AG</td>
<td>¾&quot; AG</td>
</tr>
<tr>
<td>Weight ice-bank</td>
<td>kg</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>mm</td>
<td>700 x 370 x 495</td>
<td>700 x 370 x 495</td>
</tr>
<tr>
<td>Weight (when empty)</td>
<td>kg</td>
<td>36</td>
<td>39</td>
</tr>
</tbody>
</table>

* Cooling capacities at an ambient temperature of 21°C (70°F).

Specifications subject to change.

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