Advantages

- High efficiency
- Chills liquid temperature to almost refrigerant temperature
- Automatic level control
- Computer-designed cooling plates
- Built-in filter system
- Open construction for easy cleaning
Computer-designed efficient chilling

The Cabinplant water chiller is of the Baudelot (falling film) type.

Water is distributed uniformly from a common overhead distribution trough over both sides of the vertical stainless steel plates. The water flows in a thin film over the computer-designed outer surface of the plates to obtain the highest possible outside film coefficient.

Inside the plates, refrigerant boils, following a computer-designed path for the highest inside film coefficient and the lowest pressure drop.

The stainless steel collection tank is equipped with a float valve for make-up. The make-up water is led to the overhead distribution trough.

In addition, the tank is equipped with a number of pumps for pumping chilled water to the consumption location. The unit is designed to be fully enclosed during operation, opening is required only for cleaning purpose.

Application
- Cooling according to the principle of Baudelot
- The chillers are available for all common refrigerants
- No. of cooling plates depends on refrigerant and capacity

Functionality
- Filter system (optional)
- Computer-designed cooling plates
- Collection/accumulation tank
- Recirculation pumps
- Fresh water connection with automatic level control
- Insulated tank if required

Capacity
| Refrigerant | NH3, freon, glycol, water/alcohol |

Dimensions

<table>
<thead>
<tr>
<th>Dimensions (mm)</th>
<th>Length</th>
<th>Height incl. filter</th>
<th>Width</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>3050</td>
<td>3470</td>
<td>2830</td>
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</tbody>
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Dimensions for above configuration. Chiller with 16 cooling plates and Reko screen filter.