



Fish & Seafood



Fruit & Vegetables

# Baudelot chiller

## Computer-designed efficient chilling

The Cabinplant instant chilled water unit is a Baudelot chiller for the chilling of water for coolers, glazing units, etc.

Water (or other fluids) can be distributed uniformly over both sides of the vertical stainless steel cooling plates. The fluid flows in a thin film over the computer-designed outer surface of the cooling plates, offering the highest possible outside film coefficient and the highest possible efficiency.

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

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Cabinplant®

## Baudelot chiller



### Instant chilled water unit

The instant chilled water unit consists of:

- Rotating filter (optional) or parabolic screen as on picture
- Distribution
- Computer-designed cooling plates
- Collection/accumulation tank
- Recirculation pumps
- Fresh water connection with automatic level control

The unit is engineered to be fully enclosed during operation, and needs to be opened for cleaning only. The chillers are available for all common refrigerants.

## Capacity

Refrigerant	NH3, freon, glycol, water/alcohol
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## Dimensions mm

Length	Height incl. filter	Width
3050	3470	2830

Dimensions of the above configuration.  
Chiller with 16 cooling plates and Reko screen filter.

## 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
- Not sensitive to product flow fluctuations, meaning it will not clog up with ice if no consumption

## Application

- Cooling according to the Baudelot principle
- The chillers are available for all common refrigerants
- The number 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