

WTG-QUANTOR GMBH

WTG-Quantor brands



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 crystal stabilisation
- Cooling of rooms and storage halls - with additional fan coils
- With stainless steel coil (option): direct cooling of liquids (active cooling)

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)

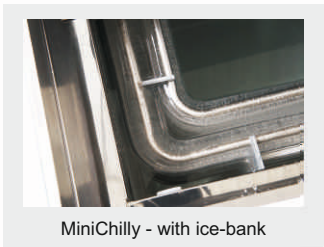
WATER TEMPERATURE RANGE

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)

SUITABLE FOR INDUSTRIES



MiniChilly - with ice-bank



Stainless steel coil for MiniChilly

			MiniChilly 05	MiniChilly 09	MiniChilly 17
TECHNICAL DATA	Cooling capacity at 0°C water temperature * at 15°C water temperature *	kW (HP) kW (HP)	0,39 (0,52) 0,50 (0,67)	0,81 (1,09) 0,90 (1,21)	1,46 (1,96) 1,65 (2,21)
	Electrical supply		230V / 1Ph / 50/60Hz		
	Nominal power input	kW	0,35	0,49	0,73
	Tank capacity	l	27	27	48
	Inlet / outlet connection		¾" AG	¾" AG	¾" AG
	Weight ice-bank	kg	8	8	12
	Dimensions (L x W x H) Weight (when empty)	mm kg	700 x 370 x 495 36	700 x 370 x 495 39	750 x 400 x 550 51

* Cooling capacities at an ambient temperature of +32°C (89,6°F).

Specifications subject to change.