



WTG-
QUANTOR
GMBH

MINICHILLY COMPACT WATER CHILLYER

- 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
- ENVIRONMENTALLY FRIENDLY REFRIGERANT R290
- STAINLESS STEEL COIL FOR DIRECT PRODUCT COOLING AVAILABLE



IN FLOW WITH YOUR PRODUCTION.

MINICHILLY

COMPACT WATER CHILLER


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 four sizes, with cooling capacities of 0,3 to 1,7 kW. 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.

CHARACTERISTICS

- Thermostatic controller (Eliwell)
- Complete cooling water circuit containing a water tank and a submersible pump with stirrer
- Evaporator made of stainless steel
- Fill level display and tank draining outside the unit Stainless steel housing
- Separate pump switch next to the controller
- Environmentally friendly refrigerant R290 with very low GWP
- 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

AMBIENT TEMPERATURE RANGE

 from +10°C to +32°C

SUITABLE FOR INDUSTRIES



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)

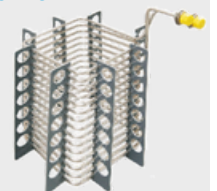


MINICHILLY		03	05	09	17	
TECHNICAL DATA	Cooling capacity * at 0°C water temperature *	kW	0,19	0,39	0,55	1,00
	at 15°C water temperature *	kW	0,26	0,60	0,90	1,65
	Electrical supply		230V/1Ph/50Hz		-----230V/1Ph/50Hz/60Hz-----	
	Nominal power input	kW	0,26	0,28	0,49	0,79
	Tank volume	I	6,3	27	27	48
	Inlet / Outlet connection		-----3/4"AG-----			
	Weight Ice-bank	kg	1,2	8	8	12
	Dimensions:					
	L	mm	420	640	640	750
	B	mm	310	380	380	420
H	mm	340	520	520	600	
Weight (when empty)	kg	19	33	33	42	

MiniChilly - with ice-bank



Stainless steel coil for MiniChilly



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