



WTG-
QUANTOR
GMBH

ICECHILLY COMPACT WATER CHILLER

- COMPACT COOLING UNIT MADE OF STAINLESS STEEL
- 2 COOLING CIRCUITS FOR INCREASED SYSTEM SAFETY
- ICE-BANK AT 0°C (32°F) WATER TEMPERATURE
- FOR LOW WATER TEMPERATURE RANGES DOWN TO -6°C (21,2°F)



IN FLOW WITH YOUR PRODUCTION.

ICECHILLY

COMPACT WATER CHILLER

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

The IceChilly is available in three sizes, with cooling capacities of 2,35 to 4,4 kW (3,15 to 5,90 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 IceChilly is able to cool water down to -6 °C using glycol.


CHARACTERISTICS

- Thermostatic controller
- Complete cooling water circuit containing a water tank and a submersible pump with stirrer (1,5 m³/h at 1,7 bar)
- Two cooling circuits for increased system safety
- Evaporator made of stainless steel
- All water parts in the unit are isolated
- Stainless steel housing
- Environmentally friendly refrigerant R290 (low GWP)
- 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)


AVAILABLE OPTIONS/ADDITIONAL EQUIPMENT

- Stainless steel coil for direct product cooling can be integrated, inner tube diameter 15 mm
- Overflow-prevention-kit, comprised of a solenoid valve with solenoid connection and a nonreturn valve. Recommended for installations where the water pipes or the tanks stand higher than the unit.

WATER TEMPERATURE RANGE

 from - 6°C to + 30°C

AMBIENT TEMPERATURE RANGE

 from + 10°C to + 32°C

SUITABLE FOR INDUSTRIES



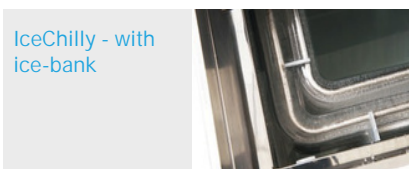
SUITABLE FOR INDUSTRIES

- ➔ Passive cooling of must, wine, beer and other liquids during the fermentation process and for storage
- ➔ Cooling of must or 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)

ICECHILLY		25	35	45	
Cooling capacity *	at 0°C water temperature * at	kW (HP)	1,62 (2,17)	1,85 (2,48)	2,30 (3,08)
	15°C water temperature *	kW (HP)	2,35 (3,15)	3,30 (4,43)	4,40 (5,90)
Electrical supply		-----230V/1Ph/50Hz-----			
Nominal power input	kW	1,11	1,92	2,721	
Tank capacity	l	67	180	80	
Inlet / outlet connection		-----3/4"AG-----			
Weight ice-bank	kg	~45	~100	~100	
Dimensions:	L	mm	1.040	1.065	1.065
	W	mm	530	630	630
	H	mm	550	785	785
Weight (when empty)	kg	90	120	120	

TECHNICAL DATA

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



IceChilly - with ice-bank



Stainless steel coil for IceChilly