

Compact Water Chiller

ICECHILLY



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

ICECHILLY

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 two sizes, with cooling capacities of 3,3 to 7,7 kW (4,43 to 10,33 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.

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)

CHARACTERISTICS

- Thermostatic controller (Carel)
- Complete cooling water circuit containing a water tank and a submersible pump with stirrer (50/60Hz)
- Number of cooling circuits: 2 Evaporator made of stainless steel
- All water parts in the unit are isolated
- Stainless steel housing
- Refrigerant R134a
- Option: Stainless steel coil for direct product cooling can be integrated, inner tube diameter 15mm
- 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



IceChilly - with ice-bank



Stainless steel coil for IceChilly

			IceChilly 33	IceChilly 77
TECHNICAL DATA	Cooling capacity at 0°C water temperature * at 15°C water temperature *	kW (HP) kW (HP)	2,93 (3,93) 3,30 (4,43)	5,81 (7,79) 7,70 (10,33)
	Electrical supply		230V / 1Ph / 50/60Hz	
	Nominal power input	kW	1,60	3,05
	Tank capacity	l	67	320
	Inelt / outlet connection		3/4" AG	3/4" AG
	Weight ice-bank	kg	25	100
	Dimensions (L x W x H) Weight (when empty)	mm kg	1.040 x 530 x 550 91	1.200 x 900 x 850 160

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

Specifications subject to change.