



WTG-
QUANTOR
GMBH

CHILLY M-LT COMPACT WATER CHILLER

- HIGHLY EFFICIENT MICRO-CHANNEL CONDENSER
- SPIRAL EVAPORATOR MADE OF COOPER
- STAINLESS STEEL HOUSING
- FOR LOW WATER TEMPERATURE RANGES DOWN TO -10°C (14°F)



IN FLOW WITH YOUR PRODUCTION.

COOLING AND HEATING UNITS

CHILLY M-LT

COMPACT WATER CHILLER

The cooling unit Chilly M-LT (Low Temperature) has a compact and space-saving design and is easy to assemble. The units are conceived for low water temperature ranges, from -10°C up to +15°C. They are perfectly adapted for low-cooling applications in beer (conditioning, Lagers), for wine stabilization and for cooling before carbonation.

The Chilly M-LT units are the optimal solution for small wineries, thanks to their attractive price and minimal installation requirements. They can be used for various cooling applications in the cellar and they are available in various sizes, with cooling capacities from 2,2 up to 4,2 kW. Units with varying voltage options are available on request.

APPLICATIONS

- Cooling of must / wine / beer and other liquids such as cider, mead, carbonated soft-drinks, jam etc. during the fermentation process and for storage
- Pre-cooling of must or wine for pre-clearing
- Fermentation interruption and tartaric stabilisation of wines
- Beer cooling for cruch-cooling wort, maturation, conditioning, cooling the Brite Beer Tank (BBT) etc.
- Cooling and stabilisation of distillates
- Room temperating of halls and storage rooms - only possible with additional fan coils

WATER TEMPERATURE RANGE

 from -10°C to +15°C (from 14°F to 59°F)

AMBIENT TEMPERATURE RANGE

 from +10°C to +42°C (from 50°F to 108°F)

SUITABLE FOR INDUSTRIES



CHARACTERISTICS

- ➔ Equipped with a hermetically closed motor compressor and a cooling water circuit containing a water tank and centrifugal pump
- ➔ Integrated level-switch and integrated by-pass for the pump
- ➔ Fill level display
- ➔ Highly efficient micro-channel condenser that ensures optimal heat-transfer
- ➔ Basket evaporator made of copper
- ➔ All water parts in the unit are isolated
- ➔ Elegant and solid stainless steel housing
- ➔ Protection type of the chiller is IP44 minimum
- ➔ Inlet/outlet connection both supplied in standard: ballvalve ¾" male thread and 13mm tube-fitting for flexible tubes
- ➔ It is required to add Glycol (30 - 35%) to the cooling water by outlet temperatures below +7°C.

CHILLY		25 M-LT	35 M-LT	45 M-LT
Cooling capacity *	KW	2,2	3,1	4,2
	HP	2,95	4,1	5,5
Electrical supply	230V/1Ph/50Hz (other options by inquiry)			
Max. absorbed power	KW	2,1	2,8	3,3
Max. current consumption	A	10,3	13,2	15,6
Noise level **	dB(A)	67	68	68
Tank volume	l	20	26	26
Type of pump		SpeckY2051.0263	Grundfos CM 3-3	
Pump flow rate	m³/h/bar	0,44/3,0	0,78/2,5	0,78/2,5
Dimensions	L	mm	710	760
	W	mm	630	740
	H	mm	470	530
Weight	kg	66	83	83

* Cooling capacities at an ambient temperature of +32°C (89,6 °F) and a watertemperature of +15°C (59 °F).

** At a distance of 1m.

Specifications subject to change.

