

# WTG-QUANTOR GMBH

WTG-Quantor brands



Compact Water Chiller

## CHILLY M-LT



Highly efficient micro-channel condenser

Spiral evaporator made of copper

Stainless steel housing

For low water temperature ranges down to  $-10^{\circ}\text{C}$  ( $14^{\circ}\text{F}$ )



# CHILLY M-LT

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 tempering of halls and storage rooms - only possible with additional fan coils

## 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: ball-valve 3/4" 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.

## 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



		Chilly 25 M-LT	Chilly 35 M-LT	Chilly 45 M-LT	
TECHNICAL DATA	Cooling capacity *	kW HP	2,2 2,95	3,1 4,1	4,2 5,6
	Electrical supply		230V / 1Ph / 50Hz (other options by inquiry)		
	Max. absorbed power / Max. current consumption	kW / A	2,1 / 10,3	2,8 / 13,2	3,3 / 15,6
	Noise level **	dB (A)	67	68	68
	Tank volume	l	20	26	26
	Type of pump		Speck Y2051.0263	Grundfos CM 3-3	Grundfos CM 3-3
	Pump flow rate	m³/h / bar	0,44 / 3,0	0,78 / 2,5	0,78 / 2,5
	Dimensions (L x W x H) Weight	mm kg	710 x 630 x 470 66	760 x 740 x 530 83	760 x 740 x 530 83

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

\*\* At a distance of 1 m

Specifications subject to change.