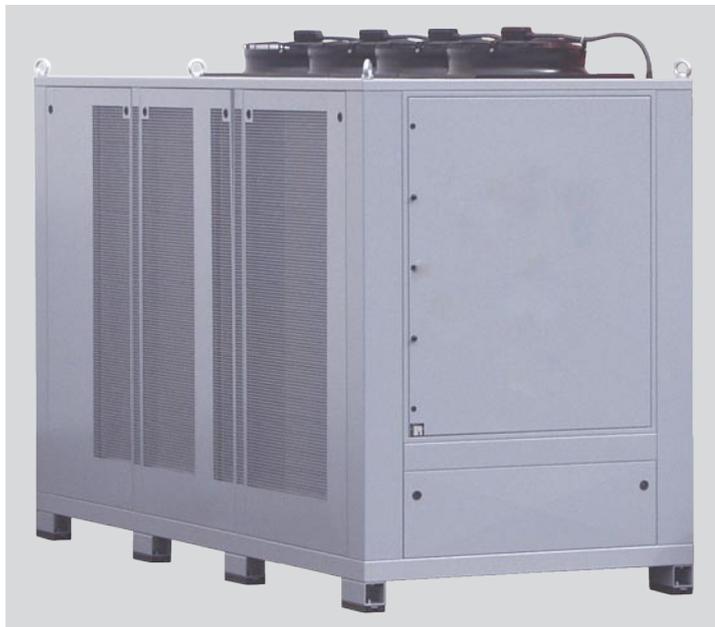# Dry cooling tower

TT-300'000
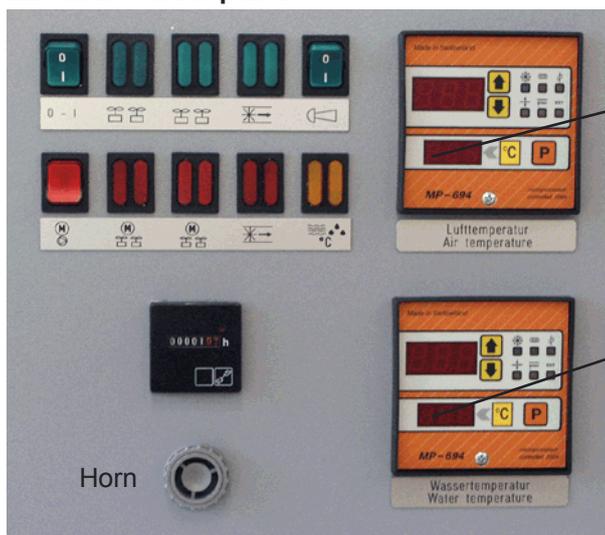
300 kW cooling capacity

- Closed cooling water circuit without cooling compressor.

- Ideal completion to new or existing cooling installation.

- Heat exchanger and pipe work made of stainless steel.
  There is no copper in the water circuit, which can destroy your machine, in case of a bad water quality.

- Separate control panel for inside use. The max. air temperature until the dry cooling tower should run is adjustable on the top controlling instrument.

Cooling water for free

Water temperatures of 10-15°C above air temperature can be achieved. No longer cooling water consumption as with an open cooling tower. The water circuit will not be soiled any more.

External control panel

Horn

Temperature controller for air temperature
As soon as the set temperature is exceeded, the complete unit switches off.

Temperature controller for water temperature
As soon as the set temperature is reached, the fans switch off. The fans switch on again as soon as the water temperature increases by 3°C.

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Industriestrasse 30
CH-8583 Sulgen
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Tel.: +41 (0)71 644 77 77
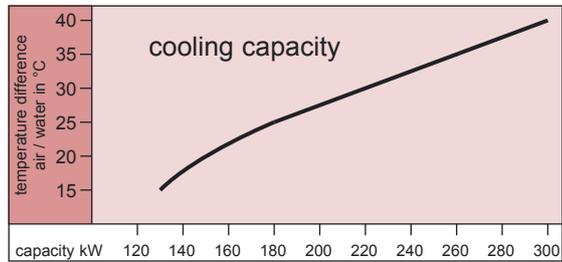Fax: +41 (0)71 644 77 00
E-Mail: info@tool-temp.ch
Internet: www.tool-temp.ch

Installation

The model TT-300'000 is designed for outside use.
Roof protection during winter times is recommended.

Quality = TOOL-TEMP

cooling capacity

Technical Data

Cooling capacity	up to **300 kW** - according to the capacity diagram
Heat exchanger	made of stainless steel
Pump capacity	approx. 600 l/min. with suction device for ground tank
Ventilators	4 pieces, each with 1.1 kW power consumption air inlet located on side, blow out located on top
Air volume	4 x 8'000 m^3/h
Power consumption	**6,8 kW**
System	separate water tank with process pump from water tank to consumer is crucial
Dimensions	L 3'350 x W 1'300 x H 2'090 mm
Noise level	68 dBA
Weight	1'400 kg empty
Control panel	delivered for separate inside use
Colour	silver grey RAL 7001

Operational characteristics

air outlet during summer

fan

air inlet during winter (heats up the building)

outside use

inside use

pump

dry cooling tower
TT-300'000

water chiller
TT-216'000

consumer: e.g.
injection moulding

water tank