

TT-170

Water temperature control unit

Compact temperature control system



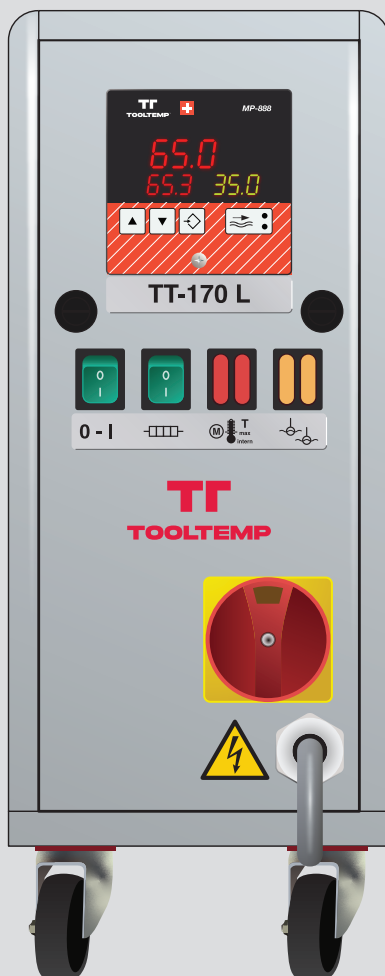
Water up to 90°C

Heating capacity **3 kW**

Cooling capacity **30 kW @ 90°C**

Cooling system indirect

Applications: moulds up to 50 kg,
rollers up to 80 mm Ø, length 300 mm



Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C or °F and l/min or gal/min
- Automatic temperature control
- Automatic water filling

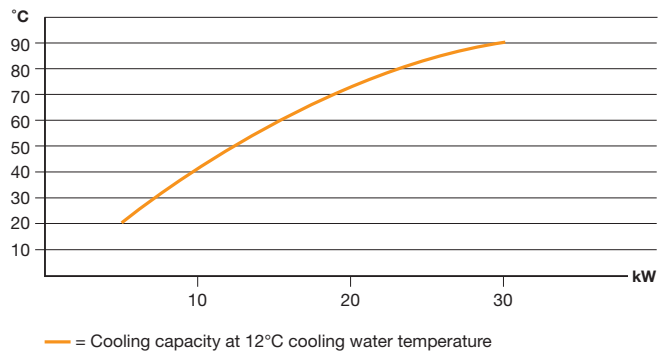
Construction

- Submersible sealless pump made from bronze
- Limescale free heat exchanger
- Corrosion resistant device for a long service life
- All parts in contact with water are made of stainless steel or bronze
- Unit on castors

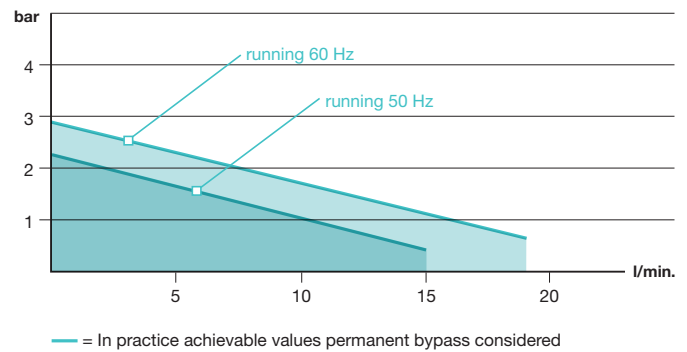
Safety features

- Level control for dry run protection
- Electronic temperature limitation and monitoring in the controller
- Mechanical safety thermostat
- Visual and acoustic fault indications
- Integrated circuit breakers
- Main switch, transformer and motor protection switch

Cooling Capacity



Pump Capacity



Technical data

Product attribute	Unit	TT-170
Temperature range	°C	Up to 90°C with water
Temperature control		Self-optimizing, electronic microprocessor controller MP-888 with digital display of the set and actual value. Automatic temperature monitoring.
Heating capacity	kW	3 kW
Cooling capacity	°C	30 kW at 90°C - see diagram
Pump capacity		
Motor	kW	0,27 kW
Pressure mode		Max. 2,2 bar / max. 15,2 l/min. at 50 Hz - see diagram Max. 2,9 bar / max. 19,1 l/min. at 60 Hz - see diagram
Filling amount		Min. 3,5 litres, max. 5 litres
Connections		
Medium		3/8" BSP female thread
Cooling water		
Inlet		With water filter 3/8" BSP female thread
Outlet		3/8" BSP female thread
Dimensions (L×W×H)	mm	640×200×490 mm, incl. castors
Weight	kg	Approx. 36 kg empty
Colour		Silvergrey RAL 7001