

TT-1548 E

Water temperature control unit

Air-cooled temperature control system



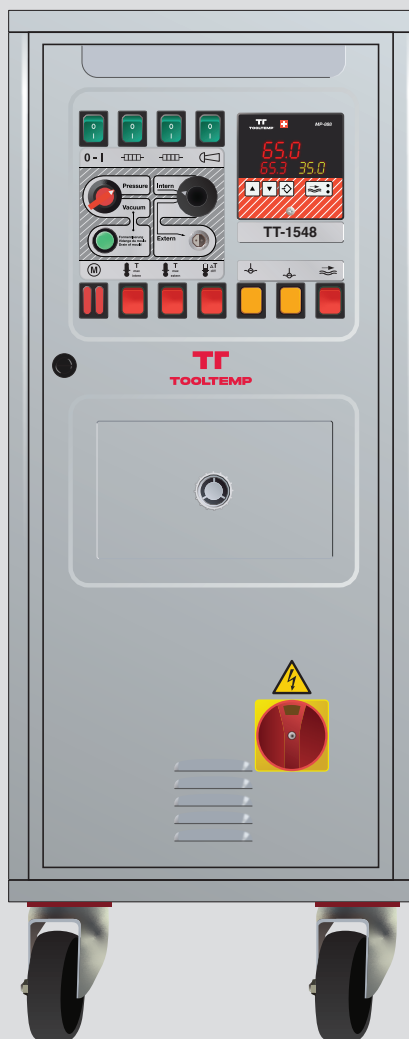
Water from 50 up to 90°C

Heating capacity **12 kW**

Cooling capacity **5 kW @ 70°C**

Cooling system air-cooled

Application: rotary table systems,
Applications without cooling water



Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C to or °F and l/min or gal/min
- Digital flow display and monitoring
- Automatic temperature control
- Switchover for temperature control on the mould
- Heating switchable in stages
- Automatic mould drainage
- Leakstopper device – operation in pressure and vacuum mode possible

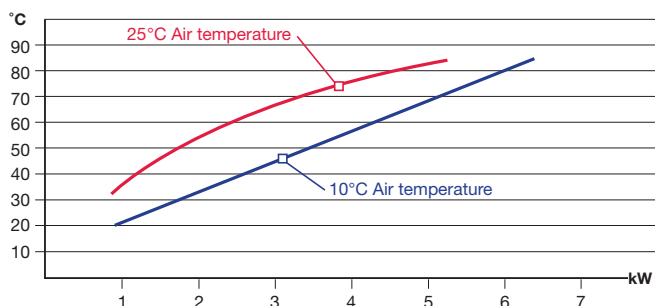
Construction

- 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

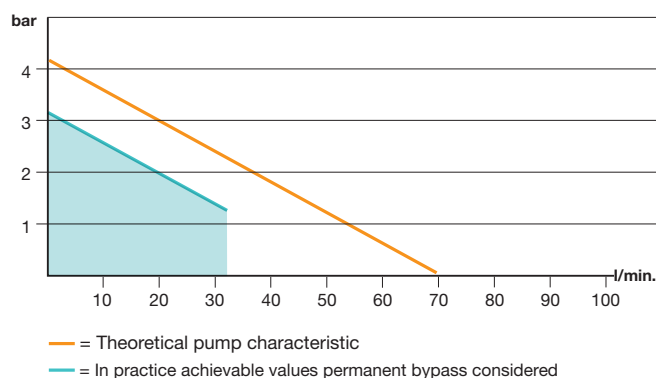
Safety features

- Level control for dry run protection
- Electronic temperature limitation and monitoring in the controller
- Mechanical safety thermostats
- 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-1548 E
Temperature range	°C	50°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.
Flow control		Electronically, with digital display and automatic control of the minimum flow.
Heating capacity	kW	12 kW
Switchable in stages		3/9
Cooling capacity		Approx. 5 kW at 70°C - see diagram Air-cooled, air inlet located at the rear of the unit, blow out located at the side of the unit
Pump capacity		
Motor	kW	0,75 kW
Pressure mode		Max. 4,5 bar / max 70 l/min - see diagram
Vacuum mode		Vacuum max. 8 mH ₂ O
Filling amount		Min. 16 litres, max. 20 litres
Connections		
Medium		¾" BSP female thread
Dimensions (L×W×H)	mm	870×360×915 mm, incl. castors
Weight	kg	Approx. 95 kg empty
Colour		Silvergrey RAL 7001