

TT-1548 E

Water temperature control unit

Air-cooled temperature control system



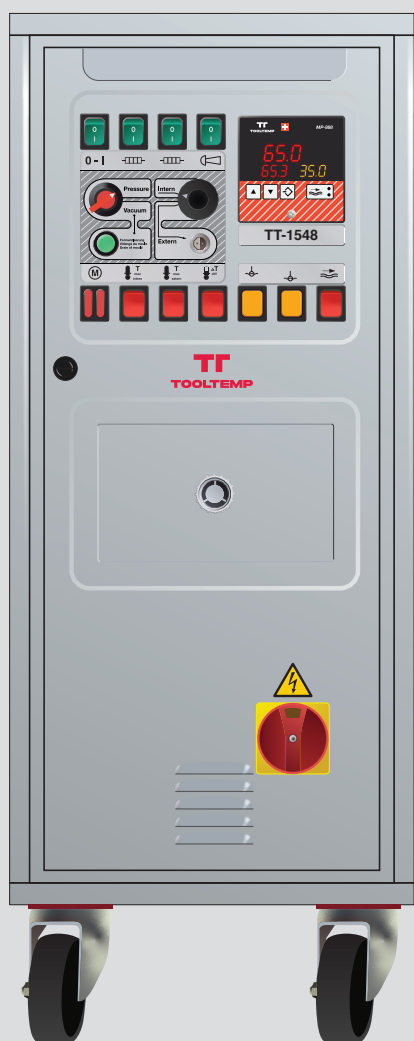
Water from 122°F up to 194°F

Heating capacity **40'946 BTU/hr**

Cooling capacity **5 kW @ 158°F**

Cooling system air-cooled

Application: rotary table systems,
Applications without cooling water



Functions

- Self-optimizing temperature controller with temperature display 1/10°F – 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

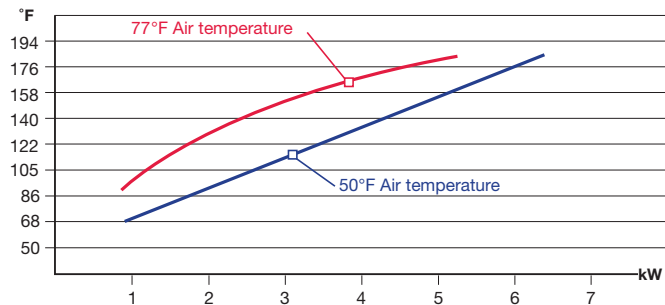
Construction

- 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

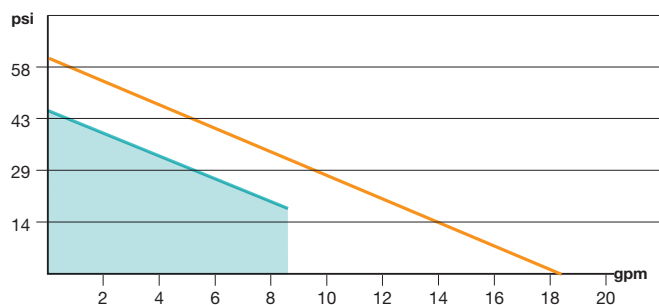
Safety features

- 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



— = Theoretical pump characteristic
 — = In practice achievable values permanent bypass considered

Technical data

Product attribute	Unit	TT-1548 E
Temperature range	°F	122°F up to 194°F 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	BTU/hr	40'946 BTU/hr
Switchable in stages		3/9
Cooling capacity		Approx. 5 kW at 158°F - 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	HP	1 HP
Pressure mode		Max. 58 psi / max 16 gpm - see diagram
Vacuum mode		Vacuum max. 23.17 inHg
Filling amount		Min. 4.2 gallons, max. 5.3 gallons
Connections		
Medium		¾" NPT female thread
Dimensions (L×W×H)	inch	34.3×14.2×36 inch, incl. castors
Weight	lbs	Approx. 209 lbs empty
Colour		Silvergrey RAL 7001