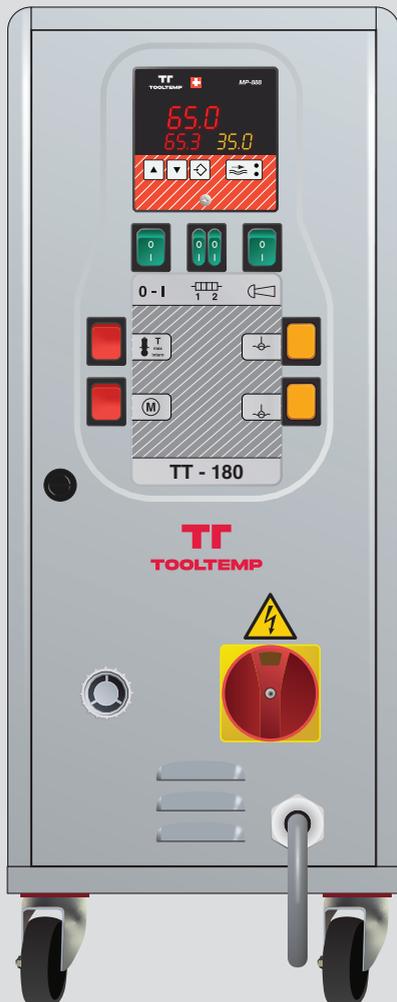


TT-180

Universal temperature control unit

Flexible small device for water or oil operation

	Water	Oil
	Up to 194°F	Up to 302°F
	Heating capacity 30'709 BTU/hr	10'236 BTU/hr
	Cooling capacity 35 kW @ 194°F	
	Cooling system indirect	
	Application: moulds up to 1'322 lbs	



Functions

- Self-optimizing temperature controller with temperature display 1/10°F – steps
- Display in °C or °F and l/min or gal/min
- Automatic temperature control
- Heating switchable in stages
- Pressure display
- Automatic or manual refill

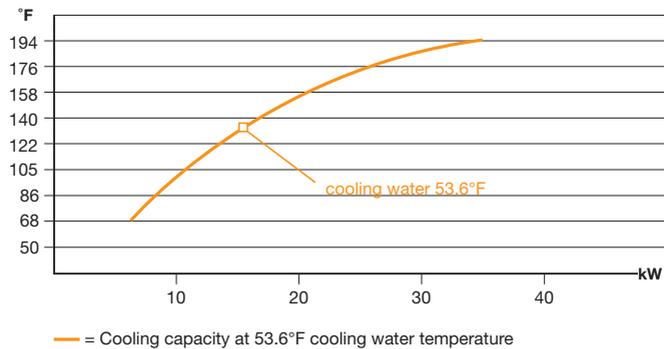
Construction

- 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

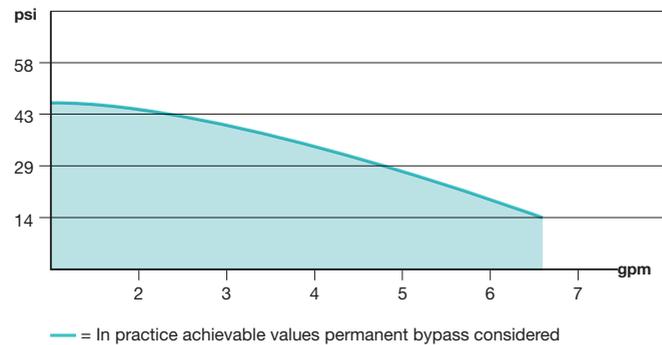
Safety features

- 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-180	
Medium		Water	Oil
Temperature range	°F	Up to 194°F	Up to 302°F
Temperature control		Self-optimizing, electronic microprocessor controller MP-888 with digital display of the set and actual value. Automatic temperature monitoring.	
Heating capacity	BTU/hr	30'709 BTU/hr	10'236 BTU/hr
Switchable in stages		3/6	None
Cooling capacity		35 kW at 194°F - see diagram	
Pump capacity			
Motor	HP	1 HP	
Pressure mode		Max. 58 bar / max. 16 gpm – see diagram	
Filling amount		Min. 1.3 gallons, max 1.8 gallons	
Connections			
Medium		½" NPT female thread	
Cooling water			
Inlet		With water filter ¾" NPT female thread	
Outlet		¾" NPT male thread	
Dimensions (LxWxH)	inch	26.4x10.2x25.6 inch, incl. castors	
Weight	lbs	Approx. 121 lbs empty	
Colour		Silvergrey RAL 7001	