

TT-170

Water temperature control unit

Compact temperature control system



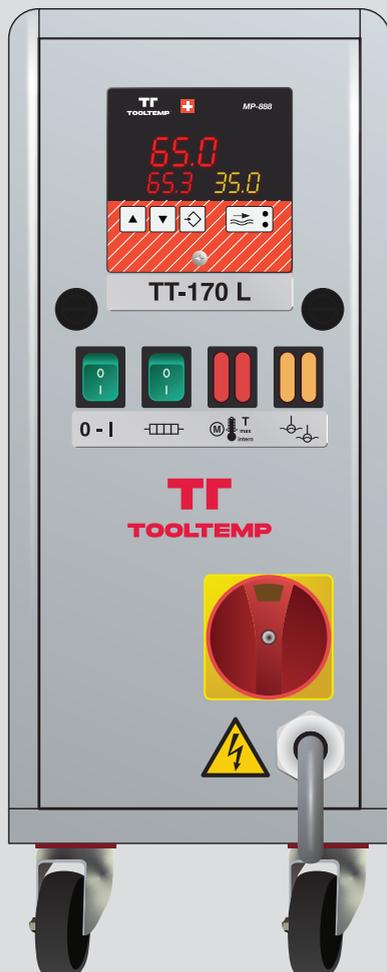
Water up to 194°F

Heating capacity **10'236 BTU/hr**

Cooling capacity **30 kW @ 194°F**

Cooling system indirect

Applications: moulds up to 110 lbs,
rollers up to 3.1 inch Ø, length 11.8 inch



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
- Automatic water filling

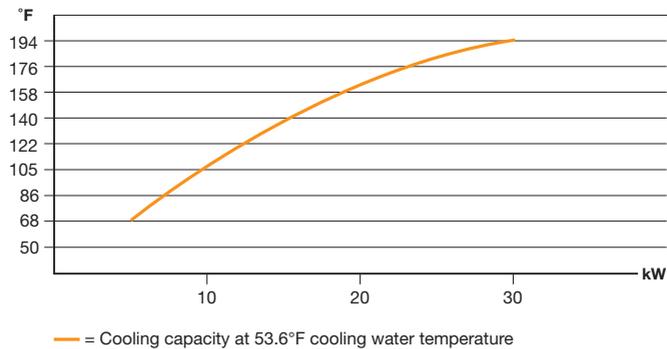
Construction

- 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

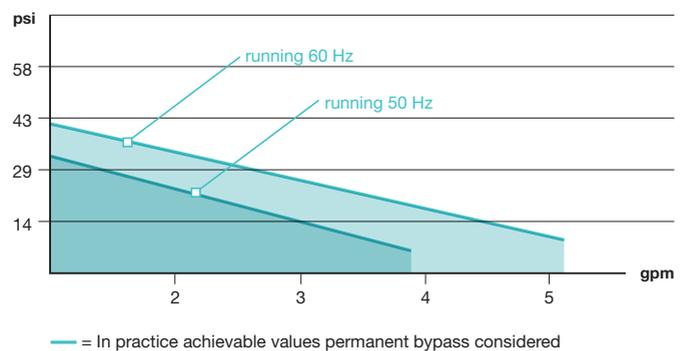
Safety features

- 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	°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.
Heating capacity	BTU/hr	10'236 BTU/hr
Cooling capacity	°F	30 kW at 194°F - see diagram
Pump capacity		
Motor	HP	0,36 HP
Pressure mode		Max. 32 psi / max. 4 gpm at 50 Hz - see diagram Max. 42 psi / max. 5 gpm at 60 Hz - see diagram
Filling amount		Min. 0.9 gallons, max. 1.3 gallons
Connections		
Medium		3/8" NPT female thread
Cooling water		
Inlet		With water filter 3/8" NPT female thread
Outlet		3/8" NPT female thread
Dimensions (L×W×H)	inch	25.2×7.9×19.3 inch, incl. castors
Weight	lbs	Approx. 79 lbs empty
Colour		Silvergrey RAL 7001