

TT-1368 W

Water temperature control unit

Powerful heating and cooling device

- high cooling capacity
- large back flow volume



Water from 68°F up to 194°F

Heating capacity

81'891 BTU/hr

163'783 BTU/hr

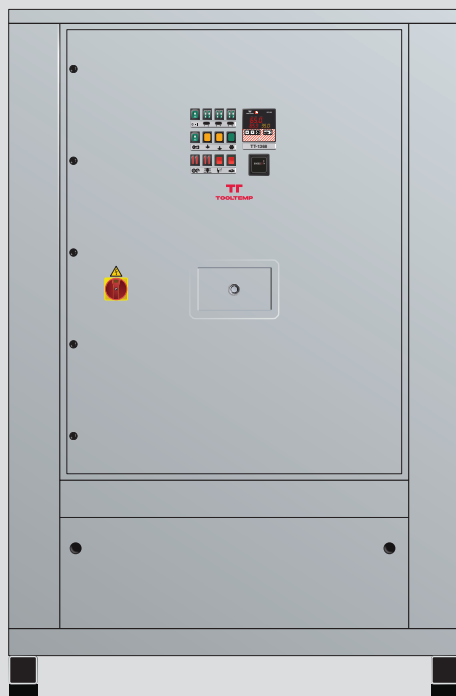
245'674 BTU/hr

327'565 BTU/hr

Cooling capacity **400 kW @ 158°F**

Cooling system indirect

Applications: rollers, plates, double-walled vessels, large consumers



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
- Heating switchable in stages
- Heaters with cascade connection
- Pressure display
- Automatic water filling

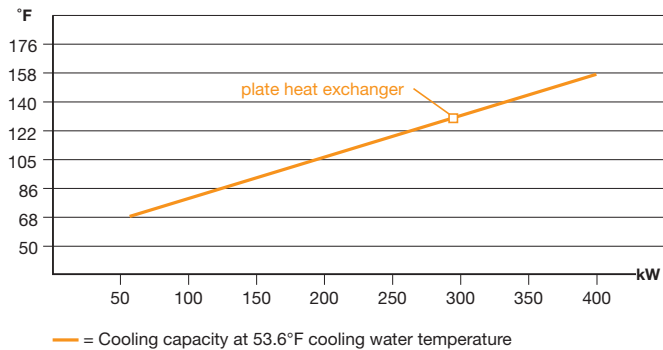
Construction

- High-performance centrifugal pump
- Cooling system: large dimensioned plate heat exchanger
- Large dimensioned return tank
- All parts in contact with water are made of stainless steel or bronze
- Unit on adjustable feet

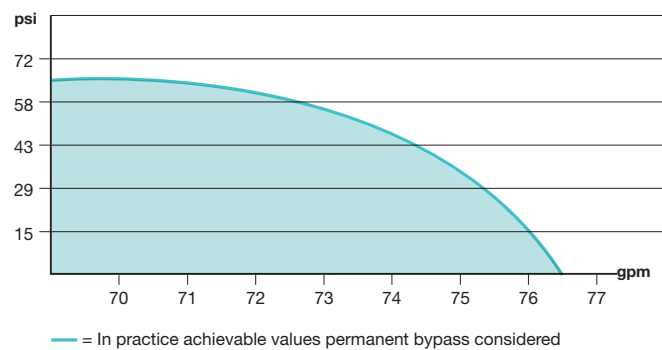
Safety features

- 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-1368 W			
Temperature range	°F	68°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	81'891 BTU/hr	163'783 BTU/hr	245'674 BTU/hr	327'565 BTU/hr
Switchable in stages		8/8/8	8/8/8/8/8/8	16/16/16/8/8/8	16/16/16/16/16/16
		Automatic switching of the required heating power			
Cooling capacity		Approx. 400 kW at 158°F - see diagram			
Pump capacity					
Motor	HP	5.4 HP			
Pressure mode		Max. 65 psi / max. 93 gpm - see diagram			
Expansion tank capacity		25.3 gallons	34.3 gallons		
Filling amount		18.5 gallons	26.4 gallons		
Expansion volume		19.8 gallons	26.4 gallons		
Connections					
Medium		Flange DN32 / PN16			
Cooling water		1½" NPT female thread			
Dimensions (L×W×H)	inch	67.3×31.1×60.6 inch, incl. feet		2'150×1'300×1'950 mm, incl. feet	
Weight	lbs	Approx. 1'146 lbs empty		Approx. 1'874 lbs empty	
Colour		Silvergrey RAL 7001			