

TT-1368 V

Water temperature control unit

Powerful heating and cooling device

- high flow volume
- high cooling capacity
- large back flow volume



Water from 68°F up to 194°F

Heating capacity

245'674 BTU/hr

327'565 BTU/hr

491'348 BTU/hr

Cooling capacity **400 kW @ 176°C**

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

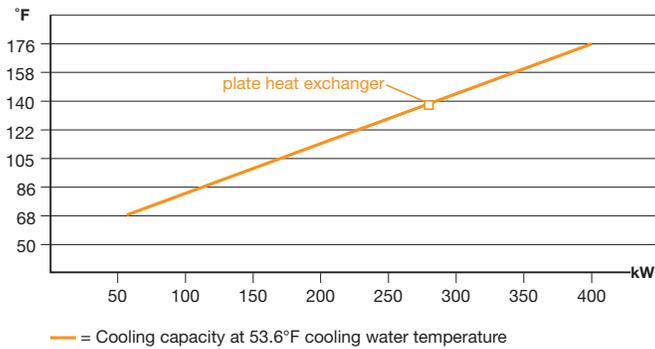
Construction

- 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

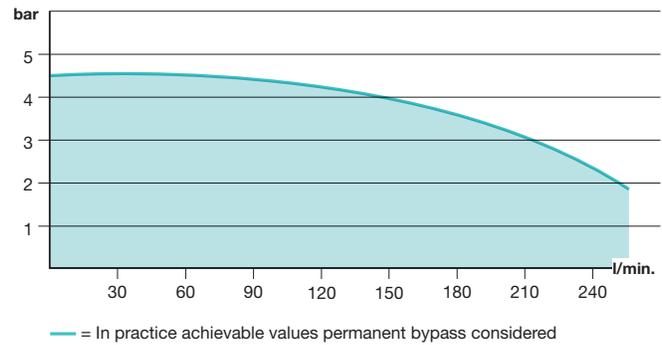
Safety features

- 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 V		
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	245'674 BTU/hr	327'565 BTU/hr	491'348 BTU/hr
Switchable in stages		16/16/16/8/8/8	16/16/16/16/16/16	32/32/32/16/16/16
		Automatic switching of the required heating power		
Cooling capacity		Approx. 400 kW at 176°F - see diagram		
Pump capacity				
Motor	HP	10 HP		
Pressure mode		Max. 59 psi / max. 153 gpm - see diagram		
Expansion tank capacity		34.3 gallons		
Filling amount		26.4 gallons		
Expansion volume		26.4 gallons		
Connections				
Medium		Flange DN50 / PN10		
Cooling water		1½" NPT female thread		
Dimensions (L×W×H)	inch	84.7×51.2×76.8 inch, incl. feet		
Weight	lbs	Approx. 2017 lbs empty		
Colour		Silvergrey RAL 7001		