

TT-1368 W

Water temperature control unit

Powerful heating and cooling device

- high cooling capacity
- large back flow volume



Water from 20°C up to 90°C

Heating capacity
24 kW | 48 kW | 72 kW | 96 kW

Cooling capacity **400 kW @ 70°C**

Cooling system indirect

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



Functions

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

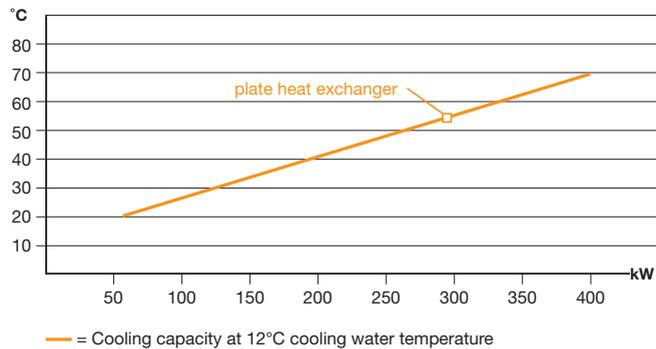
Construction

- 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

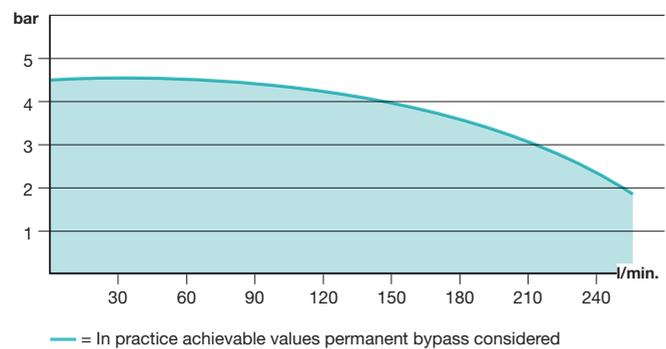
Safety features

- 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	°C	20°C up to 90°C 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	kW	24 kW	48 kW	72 kW	96 kW
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 70°C - see diagram			
Pump capacity					
Motor	kW	4 kW			
Pressure mode		Max. 4,5 bar / max. 250 l/min - see diagram			
Expansion tank capacity		96 litres	130 litres		
Filling amount		70 litres	100 litres		
Expansion volume		75 litres	100 litres		
Connections					
Medium		Flange DN32 / PN16			
Cooling water		1½" BSP female thread			
Dimensions (L×W×H)	mm	1'710×790×1'540 mm, incl. feet		2'150×1'300×1'950 mm, incl. feet	
Weight	kg	Approx. 520 kg empty		Approx. 850 kg empty	
Colour		Silvergrey RAL 7001			