

TT-1358 W

Pressurised water temperature control unit

Temperature control system with very high cooling capacity



Water up to 130°C

Heating capacity **24 kW | 48 kW**

Cooling capacity

180 kW @ 130°C tubular heat exchanger

400 kW @ 70°C plate heat exchanger

Cooling system indirect

Applications: Rollers, plates, large consumers



Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C to °F and l/min or gal/min
- Digital flow display and monitoring
- Automatic temperature control
- Heating switchable in stages
- Heaters with cascade connection
- Display of system and flow pressure
- Automatic water filling
- Automatic air venting
- Pressure relief

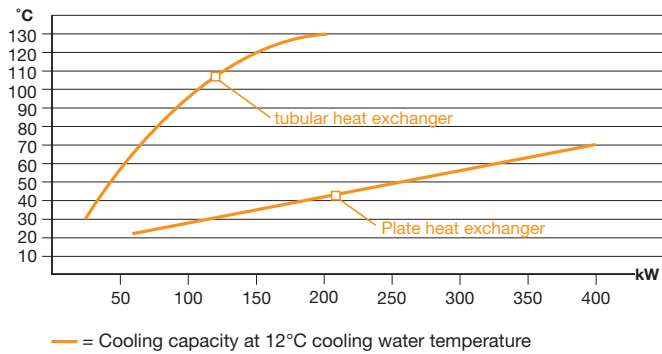
Construction

- High-performance centrifugal pump
- With two cooling systems: tubular and plate heat exchangers
- Limescale free heat exchanger
- All parts in contact with water are made of stainless steel or bronze
- Unit on adjustable feet

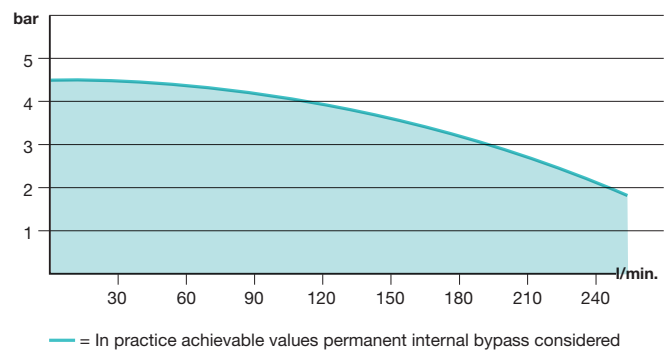
Safety features

- 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-1358 W
Temperature range water	°C	Up to 130°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
Switchable in stages		8/8/8 8/8/8/8/8/8 Automatic switching of the required heating power
Cooling capacity		Increased cooling capacity by switching to the plate heat exchanger Tubular heat exchanger approx. 180 kW at 130°C – see diagram Plate heat exchanger 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
Filling		Automatic
Connections		
Medium		Female thread flange DN32
Cooling water		1½" BSP female thread
Dimensions (L×W×H)	mm	1'710x790x1'540 mm, incl. adjustable feet
Weight	kg	Approx. 530 kg empty
Colour		Silvergrey RAL 7001