TT-1368 V
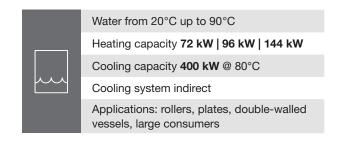
Water temperature control unit

Powerful heating and cooling device

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

	Water from 20°C up to 90°C
	Heating capacity **72 kW | 96 kW | 144 kW**
	Cooling capacity **400 kW @ 80°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
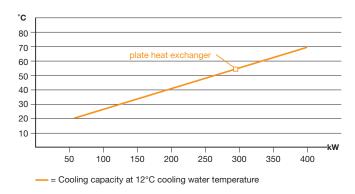- Automatic water filling

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
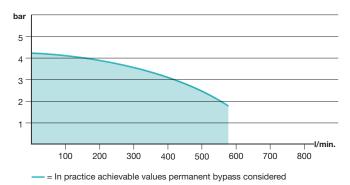- Unit on adjustable feet

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

— = Cooling capacity at 12°C cooling water temperature

Pump capacity

— = In practice achievable values permanent bypass considered

Technical data

Product attribute	Unit	TT-1368 V		
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	**72 kW**	**96 kW**	**144 kW**
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 80°C - see diagram		
Pump capacity				
Motor	kW	7.5 kW		
Pressure mode		Max. 4,1 bar / max. 580 l/min - see diagram		
Expansion tank capacity		130 litres		
Filling amount		100 litres		
Expansion volume		100 litres		
Connections				
Medium		Flange DN50 / PN10		
Cooling water		1½″ BSP female thread		
Dimensions (L×W×H)	mm	2'150×1'300×1'950 mm, incl. feet		
Weight	kg	Approx. 915 kg empty		
Colour		Silvergrey RAL 7001		