

# TT-1500 W

## Water temperature control unit

Powerful direct cooled device

- high flow volume
- unlimited back flow volume



Water from 20°C up to 90°C

Heating capacity **48 kW**

Cooling capacity **285 kW @ 80°C**

Cooling system direct

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
- Automatic mould drainage with compressed air
- Automatic air venting

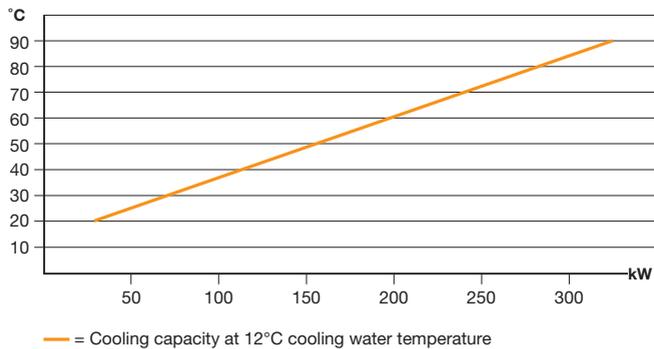
## Construction

- High performance centrifugal pump
- Powerful direct cooling
- All parts in contact with water are made of stainless steel or bronze
- Unit on adjustable feet

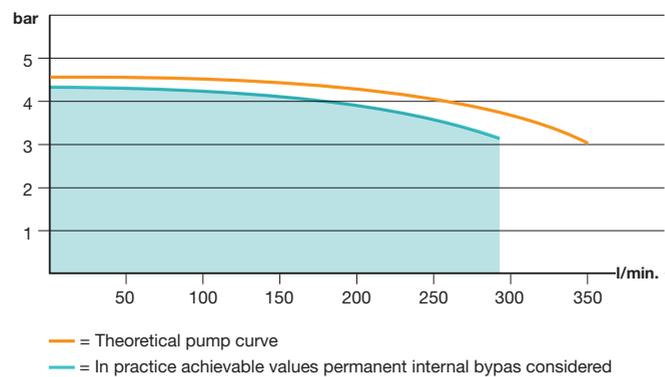
## Safety features

- 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-1500 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	<b>48 kW</b>
Switchable in stages		8/8/8/8/8/8 Automatic switching of the required heating power
Cooling capacity	kW	<b>285 kW</b> at 80°C – see diagram
Pump capacity		
Motor	kW	4 kW
Pressure mode		Max. 4,6 bar / max. 350 l/min – see diagram
Filling amount		75 litres
Filling		Automatic
Mould drainage		With compressed air
Connections		
Medium		Flange DN32 / PN16
Cooling water		
Inlet		With water filter 3/8" BSP female thread
Outlet		1" BSP male thread
Compressed air		1/4" BSP female thread
Dimensions (L×W×H)	mm	1'600×800×1'550 mm, incl. feet
Weight	kg	Approx. 430 kg empty
Colour		Silvergrey RAL 7001