

# TT-1548 E

## Water temperature control unit

Air-cooled temperature control system



Water from 50 up to 90°C

Heating capacity **12 kW**

Cooling capacity **5 kW @ 70°C**

Cooling system air-cooled

Application: rotary table systems,  
Applications without cooling water



## 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
- Switchover for temperature control on the mould
- Heating switchable in stages
- Automatic mould drainage
- Leakstopper device – operation in pressure and vacuum mode possible

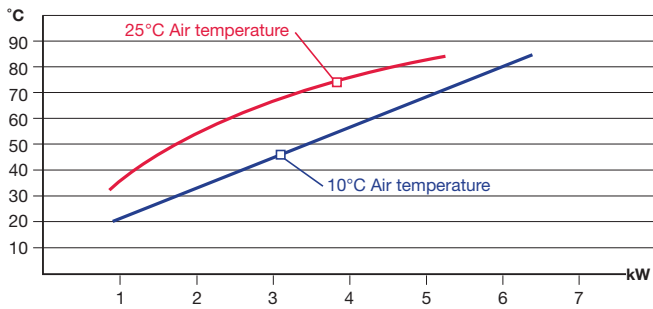
## Construction

- Submersible sealless pump made from bronze
- Limescale free heat exchanger
- Corrosion resistant device for a long service life
- All parts in contact with water are made of stainless steel or bronze
- Unit on castors

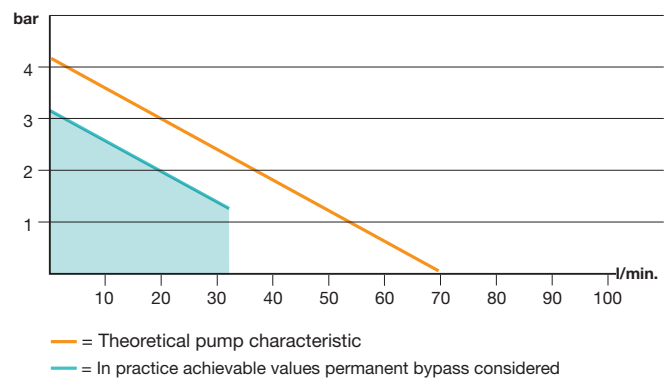
## Safety features

- 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-1548 E
Temperature range	°C	50°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>12 kW</b>
Switchable in stages		3/9
Cooling capacity		Approx. <b>5 kW</b> at 70°C - see diagram Air-cooled, air inlet located at the rear of the unit, blow out located at the side of the unit
Pump capacity		
Motor	kW	0,75 kW
Pressure mode		Max. 4,5 bar / max 70 l/min - see diagram
Vacuum mode		Vacuum max. 8 mH <sub>2</sub> O
Filling amount		Min. 16 litres, max. 20 litres
Connections		
Medium		¾" BSP female thread
Dimensions (L×W×H)	mm	870×360×915 mm, incl. castors
Weight	kg	Approx. 95 kg empty
Colour		Silvergrey RAL 7001