

# TT-168 E/A TT-168 H/A

## Water temperature control unit

Powerful device with high functionality



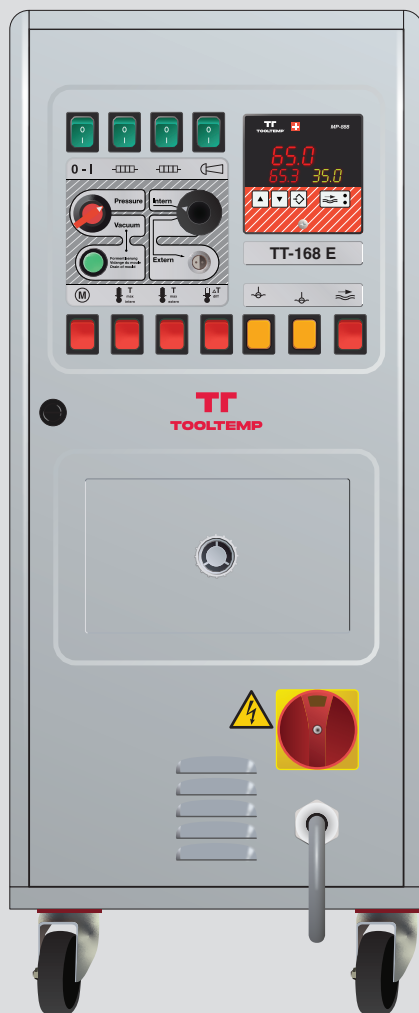
Water up to 90°C

Heating capacity **18 kW**

Cooling capacity **45 kW @ 90°C**

Cooling system indirect

Application: moulds up to 1'800 kg



## 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
- Switchover for temperature control on the mould
- Heating switchable in stages
- Pressure display
- Automatic or manual refill
- Time limited water refill
- Automatic mould drainage
- Leakstopper device – operation in pressure and vacuum mode possible

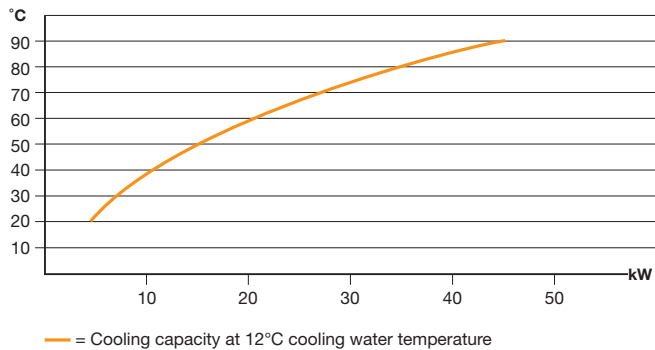
## Construction

- 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

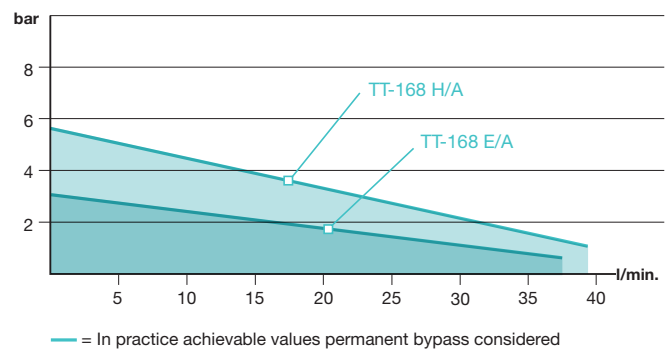
## Safety features

- Level control for dry run protection
- Electronic temperature limitation and monitoring in the controller
- 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-168 E/A	TT-168 H/A
Temperature range max.	°C	Up to 90°C with water	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 water	kW	<b>18 kW</b>	<b>18 kW</b>
Switchable in stages		9/9	9/9
Cooling capacity		45 kW at 90°C - see diagram	
Pump capacity	kW		
Motor		0,75 kW	1,5 kW
Pressure mode		Max. 4,0 bar Max. 60 l/min	Max. 7,0 bar Max. 60 l/min
Vacuum mode		Vacuum max. 8 mH <sub>2</sub> O	
Filling amount		Min. 16 litres, max. 20 litres	
Connections		1/2" BSP female thread	
Medium		1/2" BSP female thread	
Cooling water		With water filter 3/8" BSP female thread	
Inlet		3/8" BSP male thread	
Outlet		3/8" BSP male thread	
Dimensions (L×W×H)	mm	710×325×785 mm, incl. castors	
Weight	kg	Approx. 67 kg empty	
Colour		Silvergrey RAL 7001	