


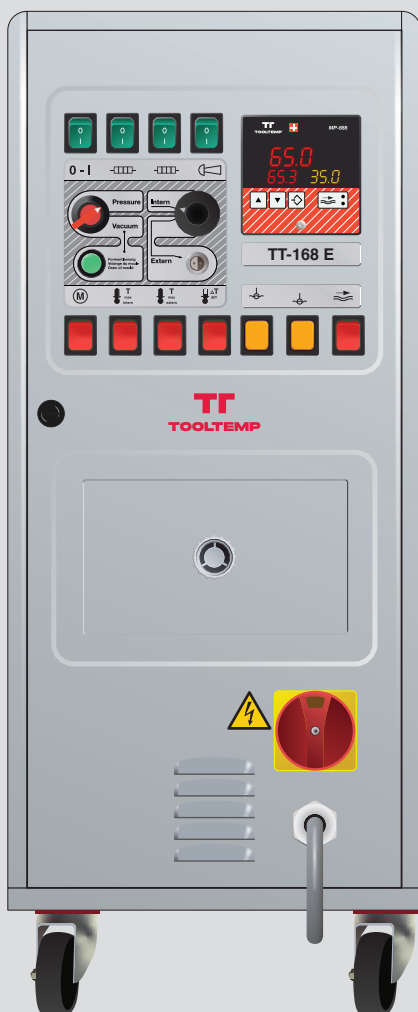
TT-168 E TT-168 H

Universal temperature control unit

Control system with high functionality

- with external measurement
- with mould drainage
- with flow control

	Water	Oil
	Up to 90°C	Up to 150°C
	Heating capacity 12 kW	6 kW
	Cooling capacity 45 kW @ 90°C	
	Cooling system indirect	
	Application: moulds up to 1'200 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

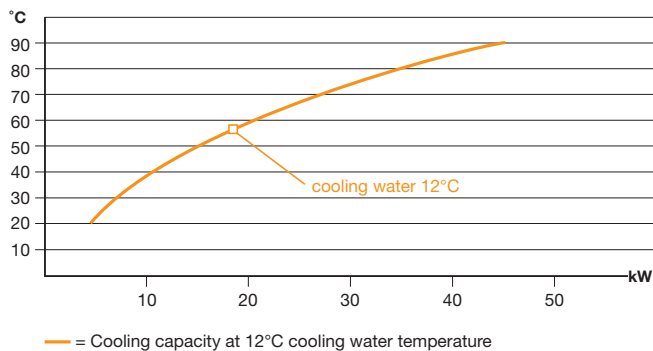
Construction

- 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

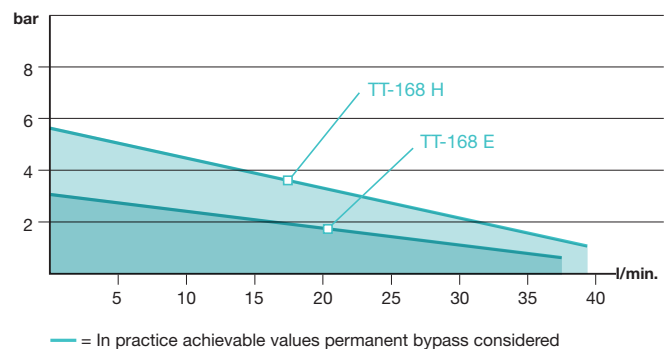
Safety features

- 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	TT-168 H
Temperature range max.			
Water	°C	Up to 90°C	Up to 90°C
Oil	°C	Up to 150°C	Up to 150°C
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	12 kW	12 kW
Switchable in stages		3/9	3/9
Heating capacity oil	kW	6 kW	6 kW
Switchable in stages		3/3	3/3
Cooling capacity		45 kW at 90°C - see diagram	
Pump capacity			
Motor	kW	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 ₂ O	
Filling amount		Min. 16 litres, max. 20 litres	
Connections			
Medium		½" BSP female thread	
Cooling water			
Inlet		With water filter ¾" BSP female thread	
Outlet		¾" BSP male thread	
Dimensions (L×W×H)	mm	710×325×785 mm, incl. castors	
Weight	kg	Approx. 67 kg empty	
Colour		Silvergrey RAL 7001	