

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

## Water temperature control unit

Powerful device with high functionality



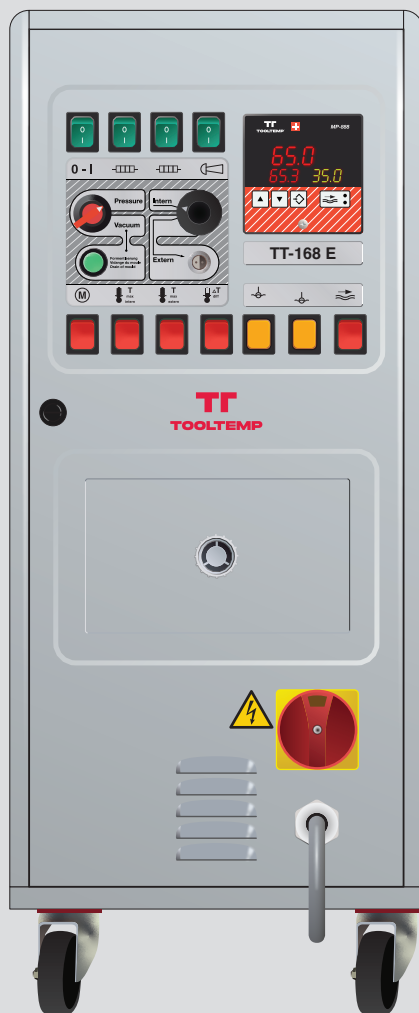
Water up to 194°F

Heating capacity **61'419 BTU/hr**

Cooling capacity **45 kW @ 194°F**

Cooling system indirect

Application: moulds up to 3'968 lbs



## Functions

- Self-optimizing temperature controller with temperature display 1/10°F – 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

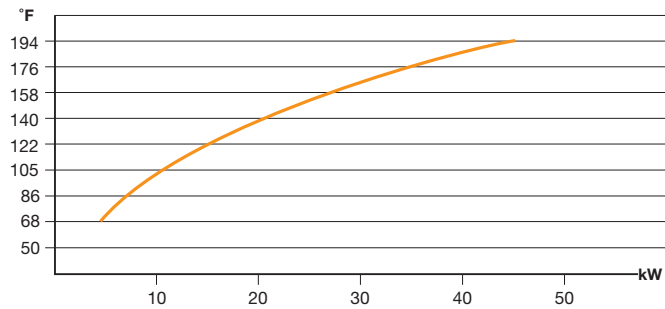
## Construction

- 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

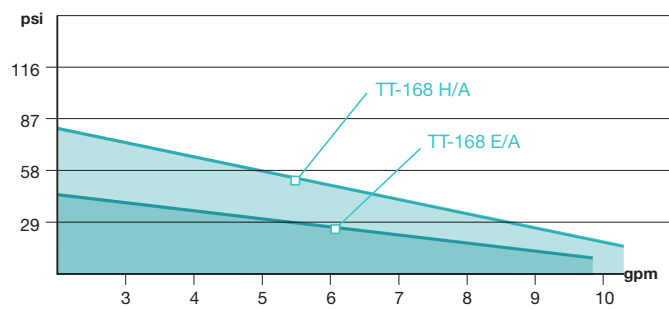
- Level control for dry run protection
- Electronic temperature limitation and monitoring in the controller
- Visual and acoustic fault indications
- Integrated circuit breakers
- Main switch, transformer and motor protection switch

## Cooling capacity



— = Cooling capacity at 53.6°F cooling water temperature

## Pump capacity



— = In practice achievable values permanent bypass considered

## Technical data

Product attribute	Unit	TT-168 E/A	TT-168 H/A
Temperature range max.	°F	Up to 194°F with water	Up to 194°F 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	BTU/hr	<b>61'419</b>	<b>61'419</b>
Switchable in stages		9/9	9/9
Cooling capacity		<b>45 kW</b> at 194°F - see diagram	
Pump capacity			
Motor	HP	1 HP	2 HP
Pressure mode		Max. 58 psi Max. 16 gpm	Max. 102 psi Max. 16 gpm
Vacuum mode		Vacuum max. 23.17 inHg	
Filling amount		Min. 4.2 gallons, max. 5.3 gallons	
Connections			
Medium		½" NPT female thread	
Cooling water			
Inlet		With water filter ¾" NPT female thread	
Outlet		¾" NPT male thread	
Dimensions (L×W×H)	inch	28×12.8×30.9 inch, incl. castors	
Weight	lbs	Approx. 148 lbs empty	
Colour		Silvergrey RAL 7001	