

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 194°F	Up to 302°F
	Heating capacity 40'946	20'473
	Cooling capacity 45 kW @ 194°F	
	Cooling system indirect	
	Application: moulds up to 2'645 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

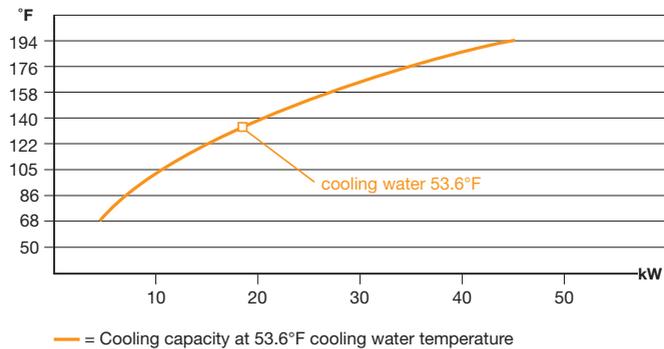
Construction

- 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

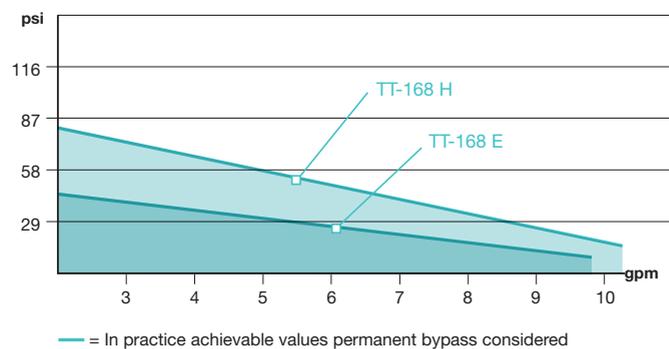
Safety features

- 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



Pump capacity



Technical data

Product attribute	Unit	TT-168 E	TT-168 H
Temperature range max.			
Water	°F	Up to 194°F	Up to 194°F
Oil	°F	Up to 302°F	Up to 302°F
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	40'946 BTU/hr	40'946 BTU/hr
Switchable in stages		3/9	3/9
Heating capacity oil	BTU/hr	20'473 BTU/hr	20'473 BTU/hr
Switchable in stages		3/3	3/3
Cooling capacity		45 kW 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	