

# TT-108 E

## Water temperature control unit

Direct cooled temperature control system



Water up to 194°F

Heating capacity  
**20'473 BTU/hr**  
**40'946 BTU/hr**  
**61'419 BTU/hr**

Cooling capacity **100 kW @ 194°F**

Cooling system direct

Applications: tool moulds, panels



## Functions

- Self optimizing temperature controller with temperature display 1/10°F – 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
- Pressure display
- Automatic or manual refill
- Automatic mould drainage
- Leak stopper device – operation in pressure and vacuum mode possible

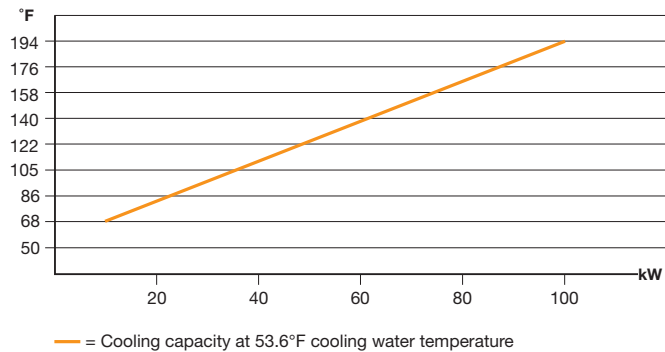
## Construction

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

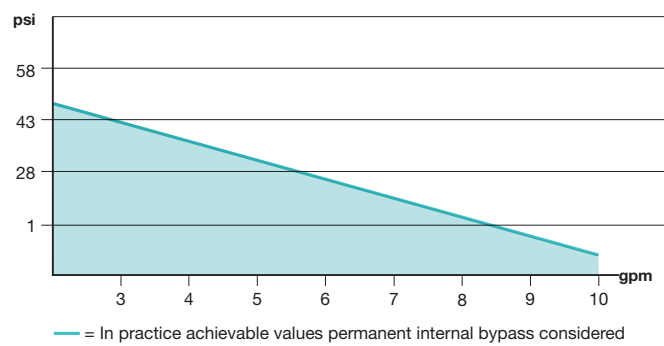
## Safety features

- 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-108 E		
Temperature range	°F	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	BTU/hr	20'473 BTU/hr	40'946 BTU/hr	61'419 BTU/hr
Switchable in stages		3/3	3/9	9/9
Cooling capacity		Approx. 100 kW at 194°F see diagram		
Pump capacity				
Motor	HP	1 HP		
Pressure mode		Max. 58 psi / max. 16 gpm – see diagram		
Vacuum mode		Vacuum max. 23.17 inHg		
Filling amount		5.2 gallons		
Filling		Automatic		
Connections				
Medium		½" NPT female thread		
Cooling water				
Inlet		Water filter ¾" NPT female thread		
Outlet		1" 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		