

TT-108 E

Water temperature control unit

Compact, direct cooled temperature control system



Water up to 90°C

Heating capacity **6 kW | 12 kW | 18 kW**

Cooling capacity **100 kW @ 90°C**

Cooling system direct

Applications: moulds, plates



Functions

- Self-optimizing temperature controller with temperature display 1/10°C – 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
- Leakstopper device – operation in pressure and vacuum mode possible

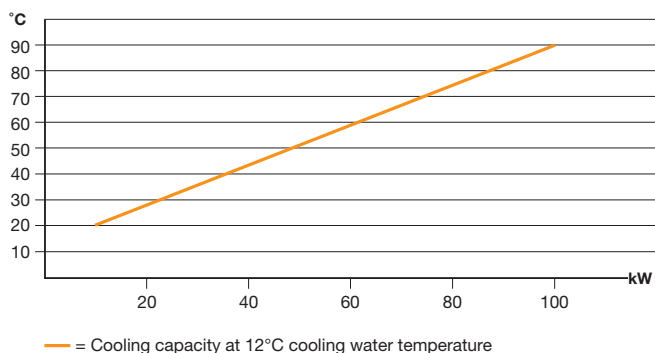
Construction

- 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

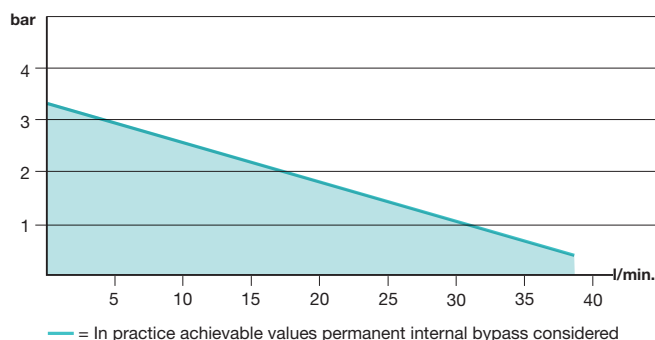
Safety features

- 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	°C	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	kW	6 kW	12 kW	18 kW
Switchable in stages		3/3	3/9	9/9
Cooling capacity		Approx. 100 kW at 90°C - see diagram		
Pump capacity				
Motor	kW	0,75 kW		
Pressure mode		Max. 4,0 bar / max. 60 l/min – see diagram		
Vacuum mode		Vacuum max. 8 mH ₂ O		
Filling amount		20 litres		
Filling		Automatic		
Connections				
Medium		½" BSP female thread		
Cooling water				
Inlet		With water filter ¾" BSP female thread		
Outlet		1" BSP male thread		
Dimensions (L×W×H)	mm	710×325×785 mm, incl. castors		
Weight	kg	Approx. 67 kg empty		
Colour		Silvergrey RAL 7001		