

# TT-108 K

## Water temperature control unit

Direct cooled device with high flow rate and return volume



Water up to 90°C

Heating capacity  
**18 kW | 27 kW | 36 kW | 45 kW**

Cooling capacity **260 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
- Heaters with cascade connection (only 27 kW / 36 kW / 45 kW)
- Pressure display
- Automatic or manual refill
- Automatic mould drainage
- Leakstopper device – operation in pressure and vacuum mode possible

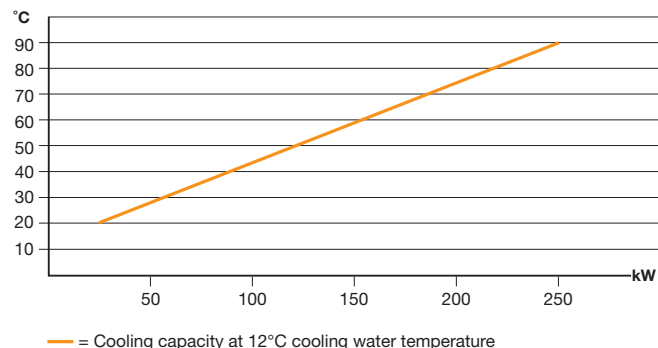
## Construction

- 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

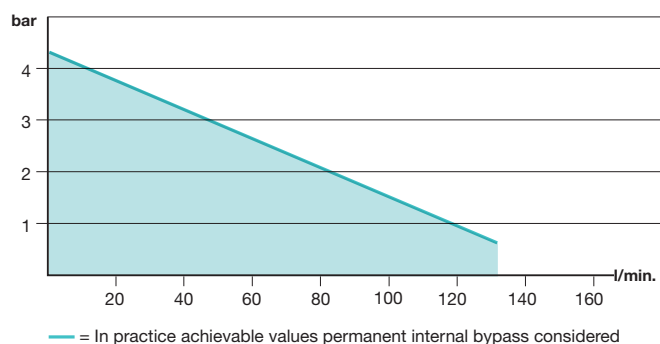
## Safety features

- 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

## Cooling capacity



## Pump capacity



## Technical data

Product attribute	Unit	TT-108 K			
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	18 kW	27 kW	36 kW	45 kW
Switchable in stages		9/9	9/9/9	9/9/9/9	9/9/9/18
		Automatic switching of the required heating power			
Cooling capacity		Approx. 260 kW at 90°C - see diagram			
Pump capacity					
Motor	kW	2.2 kW			
Pressure mode		Max. 4,3 bar / max. 200 l/min – see diagram			
Vacuum mode		Vacuum max. 8 mH <sub>2</sub> O			
Filling amount		40 litres			
Filling		Automatic			
Connections					
Medium		1" BSP female thread			
Cooling water					
Inlet		With water filter ½" BSP female thread			
Outlet		1½" BSP male thread			
Dimensions (L×W×H)	mm	1'250x480x1'400 mm, incl. castors			
Weight	kg	Approx. 160 kg empty			
Colour		Silvergrey RAL 7001			