

# 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

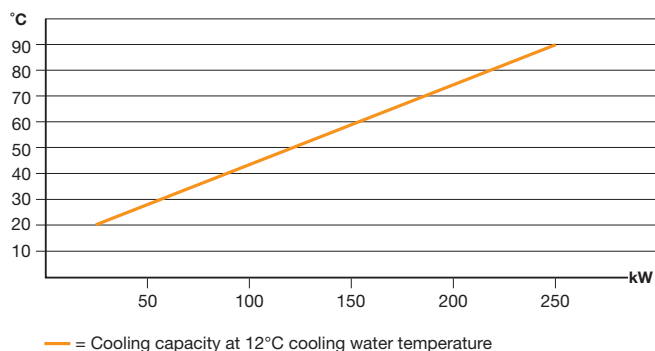
## Construction

- 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

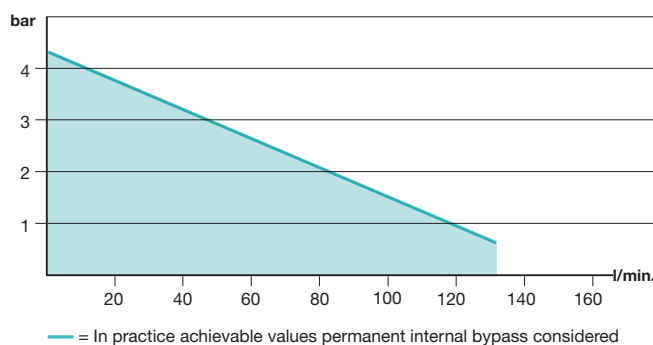
## Safety features

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