

TT-108 K

Water temperature control unit

Direct cooled device with high flow rate and return volume



Water up to 194°F

Heating capacity

61'419 BTU/hr

92'128 BTU/hr

122'837 BTU/hr

153'546 BTU/hr

Cooling capacity **260 kW @ 194°F**

Cooling system direct

Applications: molds, plates



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 mold
- Heating switchable in stages
- Heaters with cascade connection (only 92'128 BTU/hr / 122'837 BTU/hr / 153'546 BTU/hr)
- Pressure display
- Automatic or manual refill
- Automatic mold drainage
- Leakstopper device – operation in pressure and vacuum mode possible

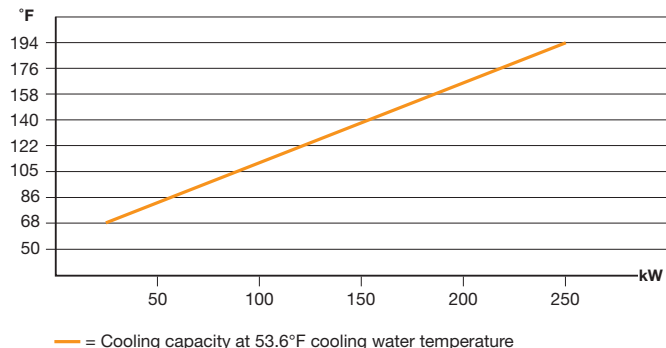
Construction

- 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

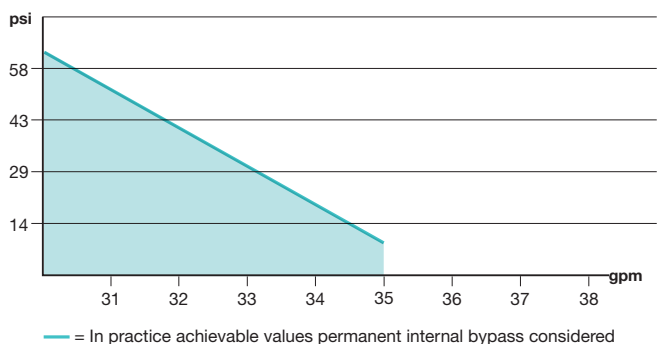
Safety features

- 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	°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	61'419 BTU/hr	92'128 BTU/hr	122'837 BTU/hr	153'546 BTU/hr
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 194°F - see diagram			
Pump capacity					
Motor	HP	3 HP			
Pressure mode		Max. 62 psi / max. 52.8 gpm – see diagram			
Vacuum mode		Vacuum max. 23.17 inHg			
Filling amount		10.5 gallons			
Filling		Automatic			
Connections					
Medium		1" NPT female thread			
Cooling water					
Inlet		With water filter ½" NPT female thread			
Outlet		1½" NPT male thread			
Dimensions (L×W×H)	inch	49.2×18.9×55.1 inch, incl. castors			
Weight	lbs	Approx. 353 lbs empty			
Colour		Silvergrey RAL 7001			