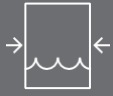
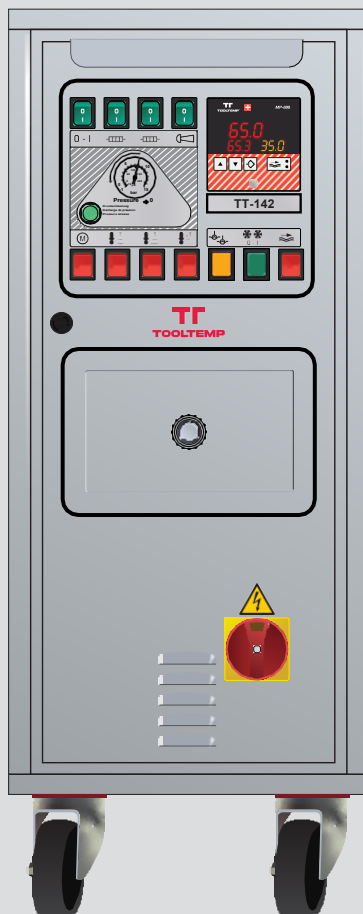


TT-142 N

Pressurised water temperature control unit

Temperature control system with flexible application range for injection moulds, small rollers, extruders

	Water up to 140°C
	Heating capacity 12 kW
	Cooling capacity 60 kW @ 140°C
	Cooling system indirect
	Application: injection moulds



Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C or °F and l/min or gal/min
- Digital flow display and monitoring
- Automatic temperature control
- Heating switchable in stages
- Display of system and flow pressure
- Automatic water filling
- Automatic air venting
- Pressure relief

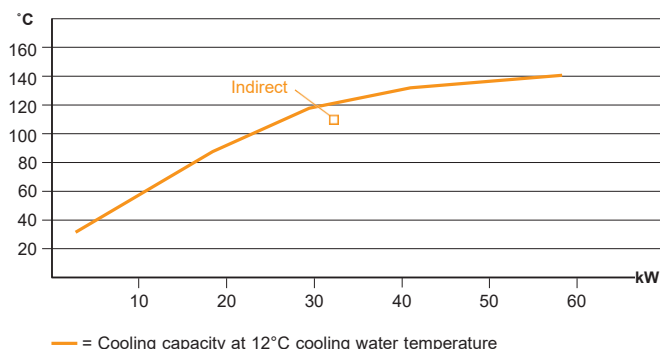
Construction

- Proven pump with mechanical seal
- Limescale free heat exchanger
- All parts in contact with water are made of stainless steel or bronze
- Unit on castors

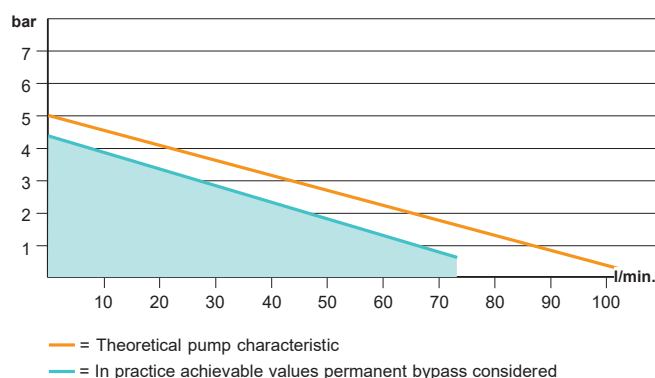
Safety feature

- 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-142 N
Temperature range	°C	Up to 140°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	12 kW
Switchable in stages		6/6
Cooling capacity		
Indirect		Approx. 60 kW at 140°C – see diagram
Pump capacity		
Motor	kW	1,8 kW
Pressure mode		Max. 5 bar / max. 110 l/min. – see diagram
Pressure increasing pump		No
Temperature measurement at the mould		No
Pressure relief		Yes
Mould drainage		No
Leakstopper		No
Filling		Automatic
Connections		
Medium		3/4" BSP female thread
Cooling water		
Inlet		With water filter 3/8" female thread
Outlet		3/8" BSP female thread
Dimensions (L×W×H)	mm	870x360x915 mm, incl. castors
Weight	kg	Approx. 107 kg empty
Colour		Silvergrey RAL 7001