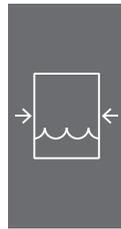


TT-142 N

Pressurised water temperature control unit

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



Water up to 284°F

Heating capacity **40'946 BTU/hr**

Cooling capacity **60 kW @ 284°F**

Cooling system indirect

Application: injection moulds



Functions

- Self-optimizing temperature controller with temperature display 1/10°F – 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

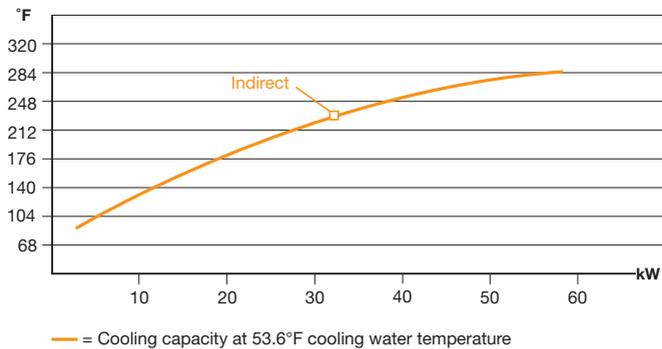
Construction

- 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

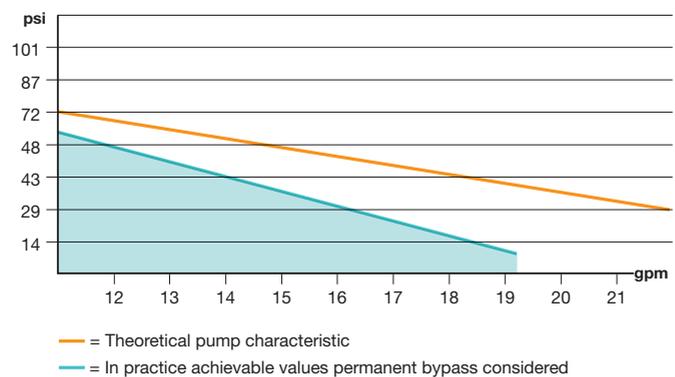
Safety feature

- 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	°F	Up to 284°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	40'946 BTU/hr
Switchable in stages		6/6
Cooling capacity		
Indirect		Approx. 60 kW at 284°F – see diagram
Pump capacity		
Motor	HP	2.4 HP
Pressure mode		Max. 73 psi / max. 29 gpm – 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" NPT female thread
Cooling water		
Inlet		With water filter 3/8" female thread
Outlet		3/8" NPT female thread
Dimensions (LxWxH)	inch	34.3x14.2x36 inch, incl. castors
Weight	lbs	Approx. 236 lbs empty
Colour		Silvergrey RAL 7001