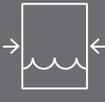


# TT-1398

## Pressurised water temperature control unit

For injection moulding applications

	Water up to 284°F
	Heating capacity <b>BTU/hr 20'473</b>
	Cooling capacity <b>20 kW @ 284°F</b>
	Cooling system indirect
Application: small 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 the system pressure
- Automatic water filling
- Automatic air venting
- Pressure relief

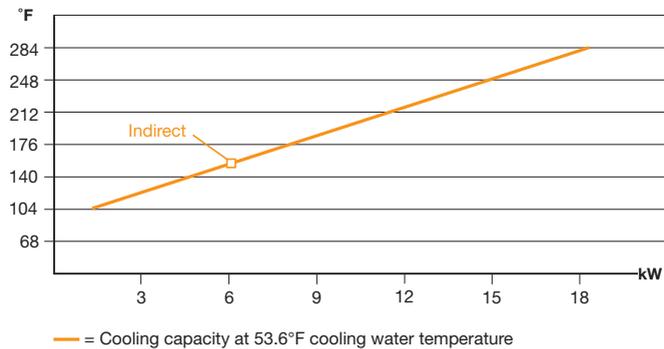
### Construction

- 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

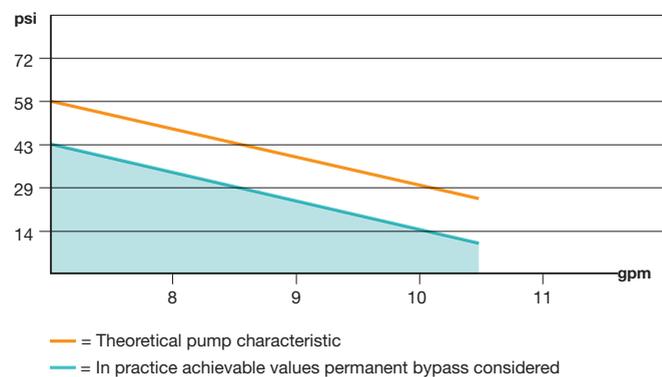
### Safety features

- 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
- Main switch, transformer and motor protection switch

## Cooling capacity



## Pump capacity



## Technical data

Product attribute	Unit	TT-1398 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 monitoring control of the minimal flow.
Heating capacity	BTU/hr	<b>20'473 BTU/hr</b>
Switchable in stages		3/3
Cooling capacity		Approx. <b>20 kW</b> at 284°F – see diagram
Pump capacity		
Motor	HP	2.4 HP
Pressure mode		Max. 73 psi / max. 29 gpm – see diagram
Filling		Automatic
Connections		
Medium		½" NPT female thread
Cooling water		
Inlet		With water filter ¾" female thread
Outlet		¾" NPT female thread
Dimensions (L×W×H)	inch	26.8×12×29.9, incl. castors
Weight	lbs	Approx. 154 lbs empty
Colour		Silvergrey RAL 7001