

# TT-DW 160

## Pressurised water temperature control unit

Compact, powerful pressurised water system



Water up to 320°F

Heating capacity

**30'709 BTU/hr**

**61'419 BTU/hr**

Cooling capacity **40 kW @ 302°F**

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
- Pressure display
- Automatic water filling
- Automatic mould drainage
- Automatic air venting
- Pressure relief

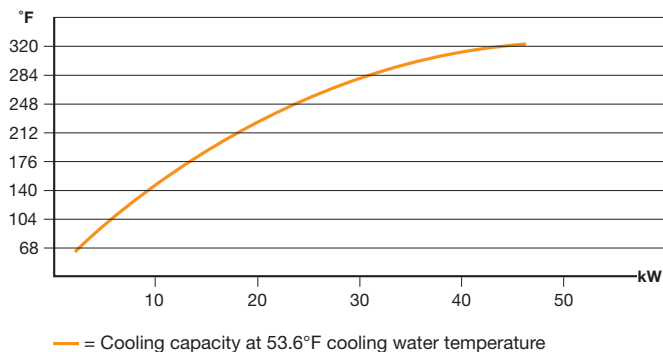
## Construction

- Pump with magnetic coupling
- Fast reacting heating system
- All parts in contact with water are made of stainless steel or bronze
- Unit on castors

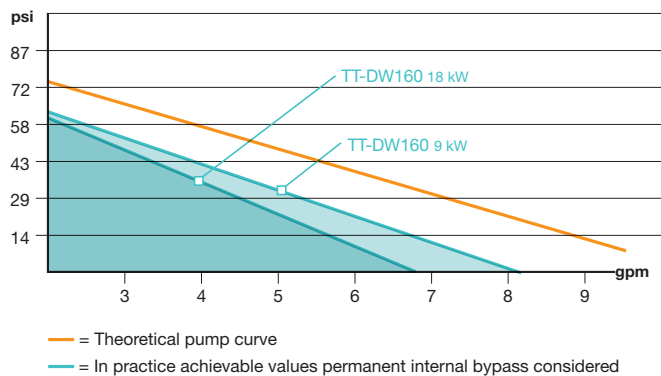
## Safety features

- 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-DW160 - 9 kW	TT-DW160 - 18 kW
Temperature range	°F	Up to 320°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	30'709 BTU/hr	61'419 BTU/hr
Cooling capacity		Approx. 40 kW at 302°F – see diagram	
Pump capacity			
Motor	HP	1.5 HP	
Pressure mode		Max. 73 psi / max. 9.5 gpm – see diagram	
Refill pump		Yes	Yes
Temperature measurement at the mould		No	No
Pressure relief and mould drainage		Yes	Yes
Leakstopper		No	No
Filling		Automatic	Automatic
Connections			
Medium		½" NPT female thread	
Cooling Water			
Inlet		With water filter ½" NPT female thread	
Outlet		With non-return valve ½" NPT female thread	
Dimensions (L×W×H)	inch	29.5×7.1×21.7 inch, incl. castors	29.5×11.2×21.7 inch, incl. castors
Weight	lbs	Approx. 121 lbs empty	Approx. 148 lbs empty
Colour		Silvergrey RAL 7001, front RAL 7016	