

TT-DW 160

Pressurised water temperature control unit

Compact, powerful pressurised water system

	Water up to 160°C
	Heating capacity 9 kW 18 kW
	Cooling capacity 40 kW @ 150°C
	Cooling system indirect
	Application: small 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
- Pressure display
- Automatic water filling
- Automatic mould drainage
- Automatic air venting
- Pressure relief

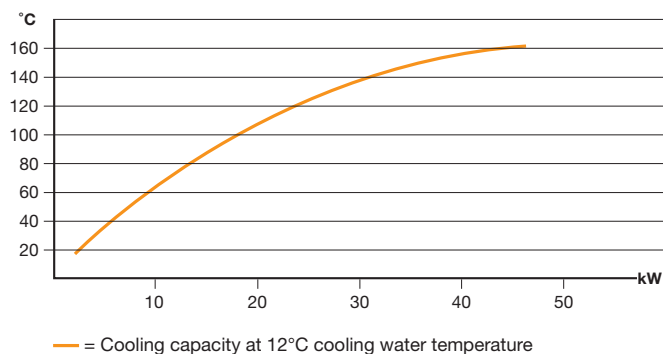
Construction

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

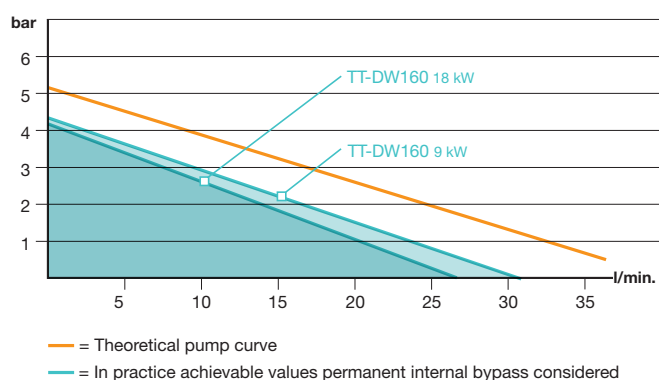
Safety features

- 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	°C	Up to 160°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	9 kW	18 kW
Cooling capacity		Approx. 40 kW at 150°C – see diagram	
Pump capacity			
Motor	kW	1,1 kW	
Pressure mode		Max. 5 bar / max. 36 l/min. – 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" BSP female thread	
Cooling Water			
Inlet		With water filter ½" BSP female thread	
Outlet		With non-return valve ½" BSP female thread	
Dimensions (L×W×H)	mm	750×180×550 mm, incl. castors	750×285×550 mm, incl. castors
Weight	kg	Approx. 55 kg empty	Approx. 67 kg empty
Colour		Silvergrey RAL 7001, front RAL 7016	