

# CLASSIC Duo TT-168 E/H

Control system with high functionality

- with external measurement
- with mould drainage
- with flow control

	Water	Oil
	Up to 90°C	Up to 150°C
	Heating capacity <b>12, 18 kW</b>	<b>6 kW</b>
	Cooling capacity <b>45 kW @ 90°C</b>	
	Cooling system indirect	
	Application: moulds up to 1'200 kg	



## Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C to °F and l/min or gal/min
- Digital flow display and monitoring
- Automatic temperature control
- Switchover for temperature control on the mould
- Heating switchable in stages
- Pressure display
- Automatic or manual refill
- Time limited water refill
- Automatic mould drainage
- Leakstopper device – operation in pressure and vacuum mode possible

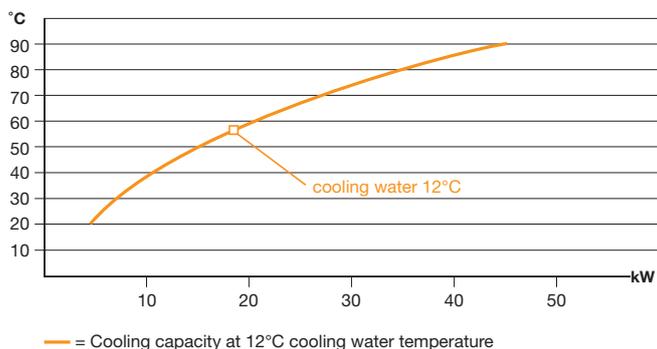
## Construction

- Submersible sealless pump made from bronze
- Limescale free heat exchanger
- Corrosion resistant device for a long service life
- All parts in contact with water are made of stainless steel or bronze
- Unit on castors

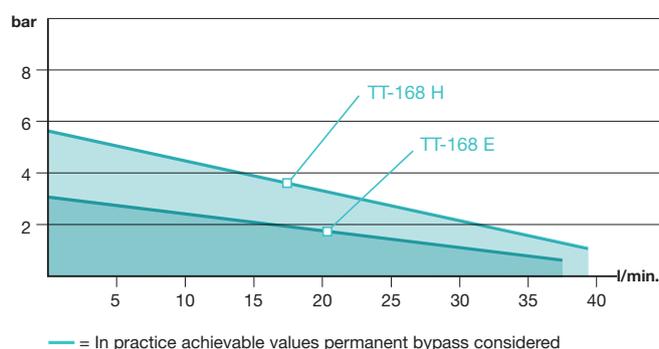
## Safety features

- Level control for dry run protection
- Electronic temperature limitation and monitoring in the controller
- 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-168 E	TT-168 H
<b>Temperature range max.</b>			
Water	°C	Up to 90°C	Up to 90°C
Oil	°C	Up to 150°C	Up to 150°C
<b>Temperature control</b>		Self-optimizing, electronic microprocessor controller MP-888 with digital display of the set and actual value. Automatic temperature monitoring.	
<b>Flow control</b>		Electronically, with digital display and automatic control of the minimum flow.	
<b>Heating capacity water</b>	kW	<b>12, 18 kW</b>	<b>12, 18 kW</b>
Switchable in stages		3/9, 9/9	3/9, 9/9
<b>Heating capacity oil</b>	kW	<b>6 kW</b>	<b>6 kW</b>
Switchable in stages		3/3	3/3
<b>Cooling capacity</b>		<b>45 kW at 90°C - see diagram</b>	
<b>Pump capacity</b>			
Motor	kW	0,75 kW	1,5 kW
Pressure mode		Max. 4,0 bar Max. 60 l/min	Max. 7,0 bar Max. 60 l/min
Vacuum mode		Vacuum max. 8 mH <sub>2</sub> O	
<b>Filling amount</b>		Min. 16 litres, max. 20 litres	
<b>Connections</b>			
Medium		½" BSP female thread	
Cooling water			
Inlet		With water filter ¾" BSP female thread	
Outlet		¾" BSP male thread	
<b>Dimensions (L×W×H)</b>	mm	710×325×785 mm, incl. castors and handles	
<b>Weight</b>	kg	Approx. 67 kg empty	
<b>Colour</b>		Silvergrey RAL 7001	