



90smart

Temperature control unit for water up to 90 °C.

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Temperature control unit for water up to 90 °C.

- RT70 control system with 3.5" TFT display
- Immersion pump with high flow rate:60 l/min
- Immersion pump with high flow rate: optional 70 l/min
- Solid-state relay instead of heating contactor



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
			80 °C	51 kW	TP20	60 l/min	0.5 kW
Water	90 °C	6 / 9 kW	80 °C	75 kW	TS22	70 l/min	0.92 kW

Technical data

Outlet temperature			
max.	90		°C
Heat transfer medium			
Filling quantity	7.0		l
Expansion volume	2.5		l
Heating capacity at 400V			kW
Cooling capacity	51	75	kW
Cooler	1K	2K	
at outlet temperature	80	80	°C
at cooling water temperature	20	20	°C
Pump capacity/Type			
	TP20	TS22	
Flow rate max.	60	70	l/min
Power consumption	0.5	0.92	kW
Pressure max.	3.8	5.4	bar
Control system			
	RT70		
Measuring mode (standard)	Pt100		
Operating voltage			V/Hz
Connections			
Outlet/Inlet	G1/2"		
Cooling water mains	G1/2"		
Degree of protection			
Dimensions W/H/D			mm
Weight			kg
Color			RAL
Ambient temperature			
max.	40		°C
Noise level			db (A)

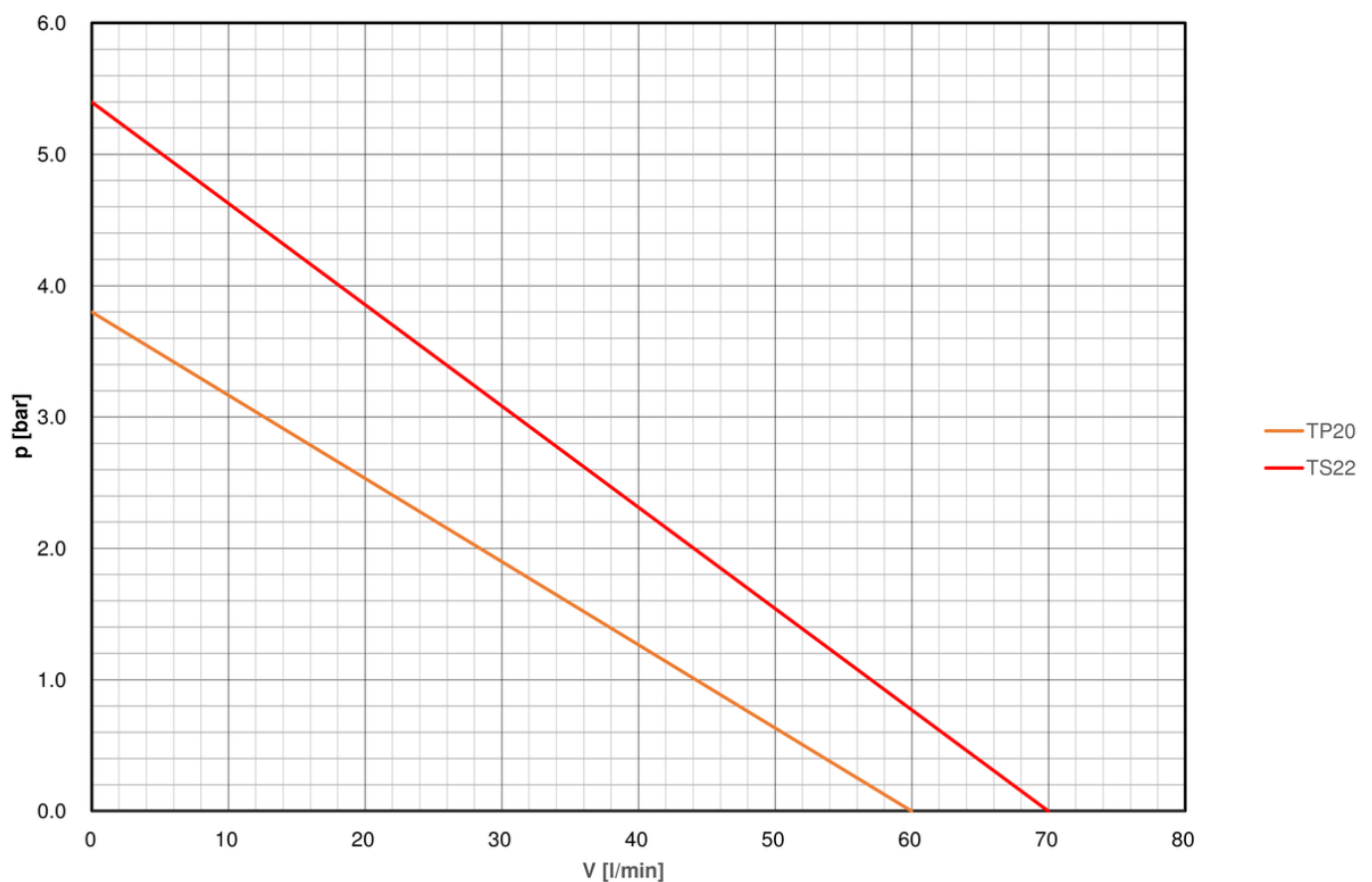
Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Immersion pump
- Indirect cooling
- Automatic water refill
- Filter in cooling water circuit
- Unit in IP40 protection degree
- Draining the consumer by suction

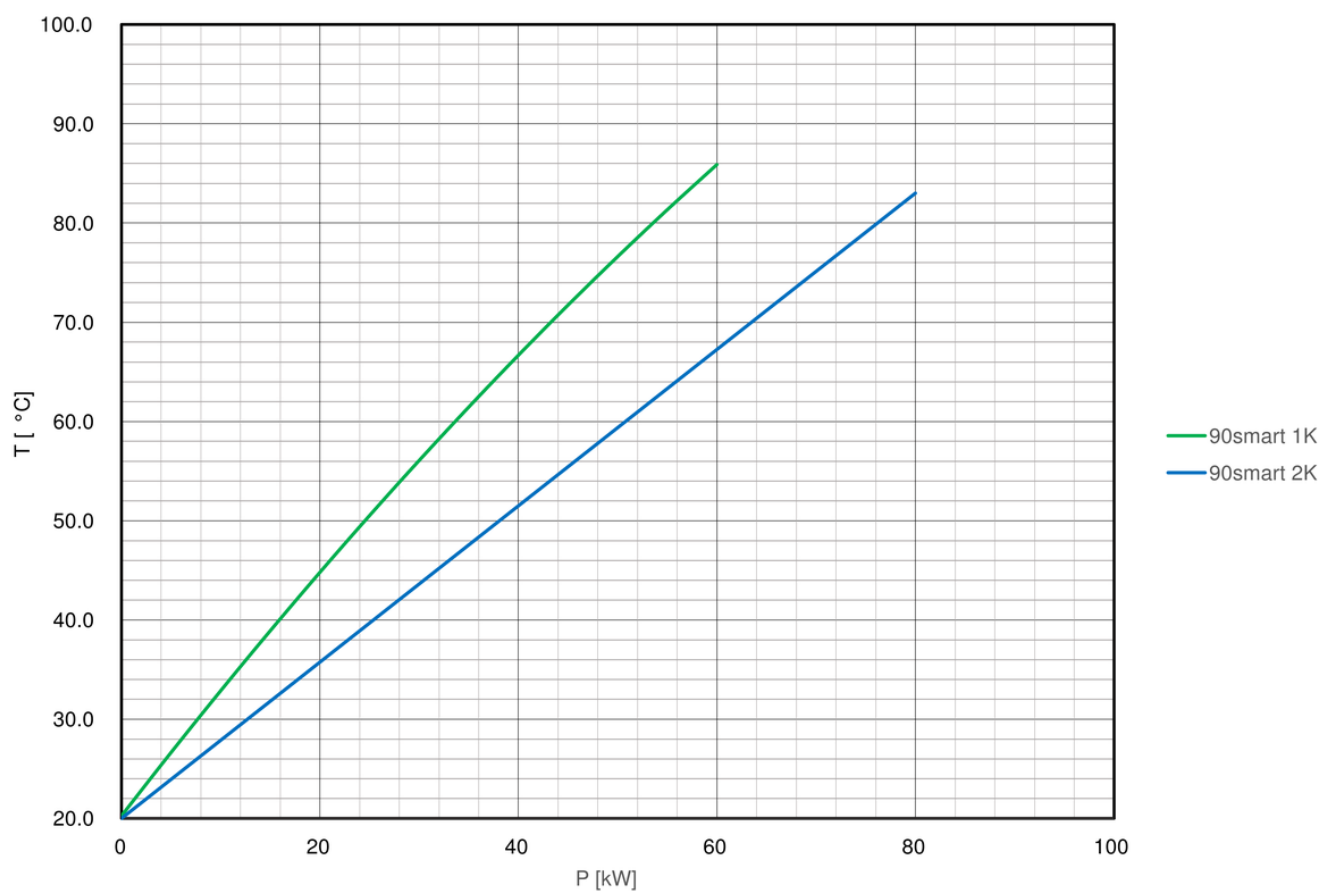
Options

- Filler neck
- Electronic flow measurement
- Magnetic valve in inlet, one way check-valve in outlet

Pump curve



Cooling curve



Representation Slovenia

Injection Molding, Die Casting, other Applications

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