

REGLOPLAS

every degree counts.



# 90S

Temperature control unit for water up to 90 °C

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Temperature control unit for water up to 90 °C

- Control system RT200
- 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

<b>Outlet temperature</b>			
max.	90		°C
<b>Heat transfer medium</b>			
	Water		
Filling quantity	7.0		l
Expansion volume	2.5		l
<b>Heating capacity at 400V</b>			
	6 / 9		kW
<b>Cooling capacity</b>			
	51	75	kW
Cooler	1K	2K	
at outlet temperature	80	80	°C
at cooling water temperature	20	20	°C
<b>Pump capacity/Type</b>			
	TP20	TS22	
Flow rate max.	60	70	l/min
Power consumption	0.5	0.92	kW
Pressure max.	3.8	5.4	bar
<b>Control system</b>			
	RT100 / RT200		
Measuring mode (standard)	Pt100		
<b>Operating voltage</b>			
	3 x 400 V, 50/60 Hz		V/Hz
<b>Connections</b>			
Outlet/Inlet	G1/2"		
Cooling water mains	G1/2"		
<b>Degree of protection</b>			
	IP40		
<b>Dimensions W/H/D</b>			
	202/560/732		mm
<b>Weight</b>			
	45		
<b>Color</b>			
	9006/7016		RAL
<b>Ambient temperature</b>			
max.	40		°C
<b>Noise level</b>			
	< 70		db (A)

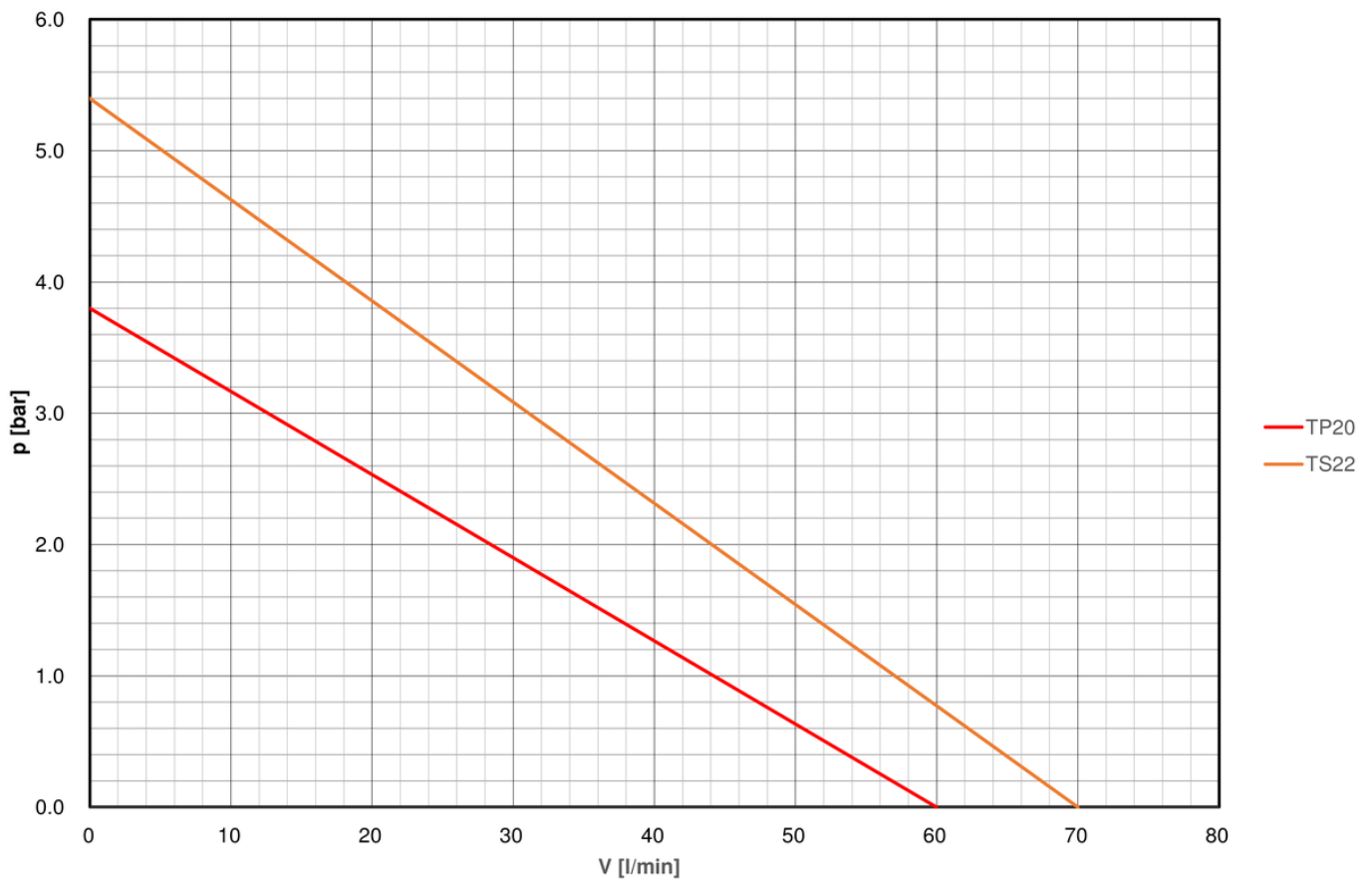
## Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Immersion pump
- Indirect cooling
- Automatic water refill
- Filter in cooling water circuit
- Draining the consumer by suction
- Unit in IP40 protection degree
- RT200 control system

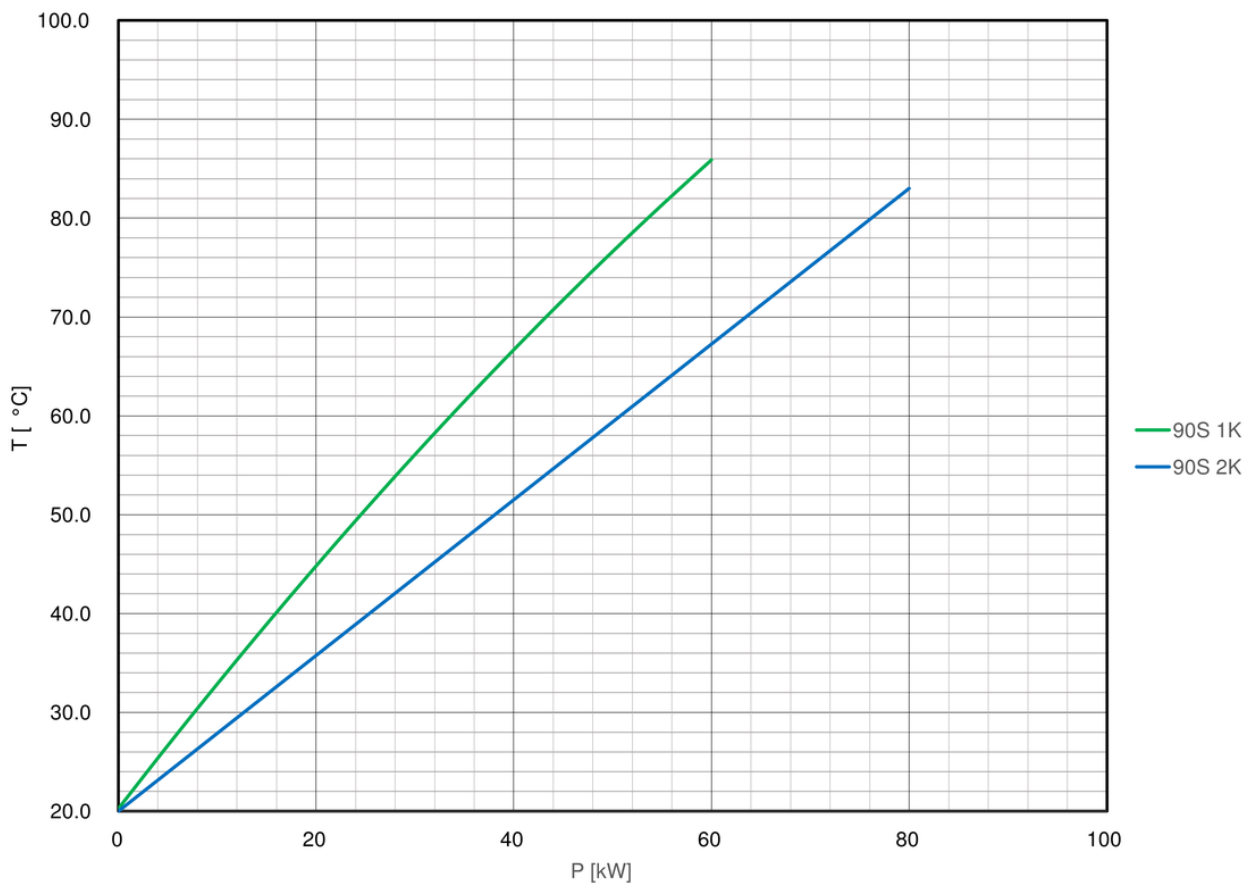
## Options

- Filler neck
- Electronic flow measurement
- Magnetic valve in inlet, one way check-valve in outlet
- RT100 control system

## Pump curve



## Cooling curve



## Representation Switzerland

Injection Molding, Die Casting, other Applications