

REGLOPLAS⁺

90smart

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



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.	°C	90	
Heat transfer medium		Water	
Filling quantity	l	7.0	
Expansion volume	l	2.5	
Heating capacity at 400V	kW	6 / 9	
Cooling capacity	kW	51	75
Cooler		1K	2K
at outlet temperature	°C	80	80
at cooling water temperature	°C	20	20
Pump capacity/Type		TP20	TS22
Flow rate max.	l/min	60	70
Power consumption	kW	0.5	0.92
Pressure max.	bar	3.8	5.4
Control system		RT70	
Measuring mode (Standard)		Pt100	
Operating voltage	V/Hz	200-600 V, 50/60 Hz	
Connections			
Outlet/Inlet		G1/2"	
Cooling water mains		G1/2"	
Degree of protection		IP40	
Dimensions W/H/D	mm	202/560/661	
Weight	kg	44	
Color	RAL	9006/7016	
Ambient temperature			
max.	°C	40	
Noise level	db (A)	< 70	

Standard equipment

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

Options

Filling tube
Electronic flow measurement
Magnetic valve in inlet, one way check-valve in outlet