

150S

The temperature control unit for oil up to 150 °C and water up to 90 °C

- Control system RT200 or RT100
- 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		
Water	Oil	90 °C	150 °C	6 / 9 kW	80 °C	38 kW	TP20	60 l/min	0.5 kW
					140 °C	29 kW	TS22	70 l/min	0.92 kW

Technical data			
Outlet temperature			
max.	°C	90	150
Heat transfer medium		Water	Oil
Filling quantity	l	7.5	7.5
Expansion volume	l	4.5	4.5
Heating capacity at 400V	kW	6 / 9	
Cooling capacity	kW	38	29
Cooler		1K	1K
at outlet temperature	°C	80	140
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		RT100 / RT200	
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	202/560/732	
Weight	kg	50	
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
- Filling tube
- Filter in the cooling water circuit
- Drainage of the fluid from the consumer by suction
- Unit in IP40 protection degree

Options

- Automatic water refill
- Magnetic valve in inlet, one way check-valve in outlet
- Electronic flow measurement