

REGLOPLAS

P100S

Pressurised-water temperature control unit up to 100 °C

- Control system RT200 or RT100
- Pump with high flow rate: 40 l/min
- Pressure control
- Leak-free pump with magnetic coupling
- Solid-state relay instead of heating contactor



Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
Water	100 °C	8 kW	90 °C	145 kW	SM22	40 l/min	0.5 kW
			90 °C	60 kW			
			90 °C	78 kW			

Regloplas P100 S

Technical data				
Outlet temperature				
max.	°C	100		
Heat transfer medium		Water		
Filling quantity	l	1.0		
Expansion volume	l	-		
Heating capacity at 400V	kW	8		
Cooling capacity	kW	145	60	78
Cooler		DK	1K	2K
at outlet temperature	°C	90	90	90
at cooling water temperature	°C	20	20	20
Pump capacity/Type		SM22		
Flow rate max.	l/min	40		
Power consumption	kW	0.5		
Pressure max.	bar	5.0		
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		IP54		
Dimensions W/H/D	mm	232/589/812		
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
- Filter in the main circuit
- Automatic water refill
- Leak-free pump
- Direct cooling (DK)
- Unit in IP54 protection degree

Options

- Electronic flow measurement
- Manual shut-off valve in the inlet and outlet
- Indirect cooling
- Cleanroom version