



**REGLOPLAS** 

## P100S

**Pressurised-water temperature control unit up to 100 °C: P100S**

- Pumps with high pumping capacity: 40 l/min
- Pressure control
- Leak-free pump with magnetic coupling
- Solid-state relay instead of heating contactor
- Swiss Quality



Technical data		
<b>Outlet temperature</b>		
max.	°C	100
<b>Heat transfer fluid</b>		
Water		
Filling quantity	l	1.5
Expansion volume	l	0
<b>Heating capacity at 400 V</b>		
Standard	kW	8
<b>Cooling capacity</b>		
Cooler type		DK
max.	kW	145
Cooler type		1K
max.	kW	60
Cooler type		2K
max.	kW	78
at outlet temperature	°C	90
<b>Pump capacity</b>		
Type		SM22
Flow rate max.	l/min	40
Power consumption	kW	0.5
Pressure max.	bar	5.5
<b>Control</b>		
Type		RT100
Measuring mode		Pt100
<b>Operating voltage</b>		
Standard	V/Hz	400/50 3PE
<b>Connections</b>		
Outlet/inlet		G1/2"
Cooling water supply		G1/2"
<b>Dimensions</b>		
Width	mm	232
Height	mm	594
Depth	mm	812
<b>Weight</b>		
Standard	kg	50
<b>Colour</b>		
Standard	RAL	9006/7016
<b>Ambient temperature</b>		
max.	°C	40
<b>Noise level</b>		
max.	db (A)	70

Equipment	
RT100 control system	●
RT34 control system	—
RT61 control system	—
Solid-state relay (SSR) instead of heating contactor	●
Electronic flow measurement	○
Manual shut-off valve in the inlet and outlet	○
Filter in the main circuit	●
Automatic water refill	●
Display of outlet pressure on RT100	○
Leak-free pump	●
Direct cooling	●
Unit in IP54 protection degree	●
Indirect cooling	○

● Standard   ○ Option   — Not available   ● / ○ / — Device-related