

REGLOPLAS

P100L

Pressurised-water temperature control unit up to 100 °C

- Control system RT200 or RT100
- Pump with high flow rate: 140 l/min
- Pressure control
- Direct cooling: maximum cooling capacity
- Solid-state relay instead of heating contactor



Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
			90 °C	160 kW	CRI5	140 l/min	1.1 kW
Water	100 °C	17 / 34 / 51 kW					

Regloplas P100 L

Technical data			
Outlet temperature			
max.	°C	100	
Heat transfer medium		Water	
Filling quantity	l	12	
Expansion volume	l	-	
Heating capacity at 400V	kW	17 / 34 / 51	
Cooling capacity	kW	160	
Cooler		DK	
at outlet temperature	°C	90	
at cooling water temperature	°C	20	
Pump capacity/Type		CR15	
Flow rate max.	l/min	140	
Power consumption	kW	1.1	
Pressure max.	bar	5.4	
Control system		RT100 / RT200	
Measuring mode (Standard)		Pt100	
Operating voltage	V/Hz	380-415 V, 50 Hz	440-480 V, 60 Hz
Connections			
Outlet/Inlet		G1"/60°/Cone	
Cooling water mains		G1/2"	
Degree of protection		IP54	
Dimensions W/H/D	mm	350/967/1366	
Weight	kg	170	
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
- Direct cooling (DK)
- Unit in IP54 protection degree
- Water circuit of non-rusting materials
- Automatic water refill
- Filter in the cooling water circuit
- Pressure gauge for system pressure

Options

- Electronic flow measurement