

REGLOPLAS 

P181XL

Pressurised-water temperature control unit up to 356 °F

- Control system RT200 or RT100
- Pump with high flow rate: 52.8 GPM
- Low-scale cooling system "SK"
- Pressure control
- Solid-state relay instead of heating contactor



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V hp	Cooling capacity		Pump capacity/Type		
			338 °F	209.2 hp	SM85H	52.8 GPM	4.7 hp
Water	356 °F	26.8 / 53.6 / 80.5					

Technical data

Outlet temperature		
max.	°F	356
Heat transfer medium		Water
Filling quantity	Gal	2.6
Expansion volume	Gal	1.3
Heating capacity at 400V	hp	26.8 / 53.6 / 80.5
Cooling capacity	hp	209.2
Cooler		SK
at outlet temperature	°F	338
at cooling water temperature	°F	68
Pump capacity/Type		SM85H
Flow rate max.	GPM	52.8
Power consumption	hp	4.7
Pressure max.	bar	8.5
Control system		RT100 / RT200
Measuring mode (standard)		Pt100
Operating voltage	V/Hz	200-600 V, 50/60 Hz
Connections		
Outlet/Inlet		G1 1/2"IG
Cooling water mains		G3/4"
Degree of protection		IP54
Dimensions W/H/D	in	17.01/53.15/61.18
Weight	lb	584.33
Color	RAL	9006/7016
Ambient temperature		
max.	°F	104
Noise level	db (A)	< 70

Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Hand valve in inlet and outlet
- Water circuit of non-rusting materials
- Automatic water refill
- Filter in the main circuit
- Filter in cooling water circuit
- Leak-free pump
- Patented low-scale cooling system (SK)
- Pressure gauge outlet
- Pressure gauge for system pressure
- Unit in IP54 protection degree

Options

- Electronic flow measurement