



REGLOPLAS 

P180MD

Pressurised-water temperature control unit up to 180 °C: P180MD

- Innovative pressure control
- Patented low-scale cooling system "SK"
- Pumps with high pumping capacity: 100 l/min
- Leak-free pump with magnetic coupling
- Control system RT100
- Solid-state relay instead of heating contactor



Technical data

Outlet temperature

max.	°C	180
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Heat transfer fluid

Water		
Filling quantity	l	1
Expansion volume	l	0

Heating capacity at 400 V

Standard	kW	8
Standard	kW	18

Cooling capacity

max.	kW	76
Cooler type		SK
max.	kW	90
Cooler type		2SK
at outlet temperature	°C	170

Pump capacity

Type		SM73H
Flow rate max.	l/min	60
Power consumption	kW	1
Type		SM75H
Flow rate max.	l/min	100
Power consumption	kW	1,5
Pressure max.	bar	6

Control

Type		RT100
Measuring mode		Pt100

Operating voltage

Standard	V/Hz	400/50 3PE
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Connections

Outlet/inlet		G3/4"
Cooling water supply		G1/2"

Dimensions

Width	mm	416
Height	mm	1556
Depth	mm	1037

Weight

Standard	kg	170
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Ambient temperature

max.	°C	40
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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	●
Display of outlet pressure on RT100	●
Drainage of the fluid from the consumer by suction	●
Leak-free pump	●
Patented low-scale cooling system "SK"	●
Unit in IP54 protection degree	●

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