



REGLOPLAS 



P100M

Pressurised-water temperature control unit up to 100 °C: P100M

- Pressure control
- Pumps with high pumping capacity: 100 l/min
- Leak-free pump with magnetic coupling
- Control system RT100
- Solid-state relay instead of heating contactor
- Modular configuration



Technical data

Outlet temperature

max.	°C	100
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Heat transfer fluid

Water		
Filling quantity	l	1.5
Expansion volume	l	0

Heating capacity at 400 V

Standard	kW	8
Standard	kW	18

Cooling capacity

Cooler type		DK
max.	kW	145
Cooler type		1K
max.	kW	60
Cooler type		2K
max.	kW	78
at outlet temperature	°C	90

Pump capacity

Type		SM72
Flow rate max.	l/min	60
Power consumption	kW	1
Type		SM75
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	295
Height	mm	711
Depth	mm	914

Weight

Weight	kg	60
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Colour

Standard	RAL	9006/7016
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Ambient temperature

max.	°C	40
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Noise level

max.	db (A)	70
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Equipment

RT100 control system	●
RT34 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	●
Direct cooling	●
Indirect cooling	○
Unit in IP54 protection degree	●

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



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