



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
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Expansion volume	l	0
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Heating capacity at 400 V

Standard	kW	8
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Standard	kW	18
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Cooling capacity

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

Type		SM72
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Flow rate max.	l/min	60
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Power consumption	kW	1
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Type		SM75
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Flow rate max.	l/min	100
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Power consumption	kW	1,5
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Pressure max.	bar	6
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Control

Type		RT100
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Measuring mode		Pt100
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Operating voltage

Standard	V/Hz	400/50 3PE
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Connections

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

Width	mm	295
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Height	mm	711
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Depth	mm	914
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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	●
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RT34 control system	—
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Solid-state relay (SSR) instead of heating contactor	●
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Electronic flow measurement	○
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Manual shut-off valve in the inlet and outlet	○
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Filter in the main circuit	●
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Display of outlet pressure on RT100	○
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Drainage of the fluid from the consumer by suction	○
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Leak-free pump	●
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Direct cooling	●
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Indirect cooling	○
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Unit in IP54 protection degree	●
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● Standard ○ Option — Not available ● / ○ / — Device-related