

P161XL

Pressurised-water temperature control unit up to 160 °C

- Control system RT200 or RT100
- Pump with high flow rate: 200 l/min
- Low-scaling cooling system "SK"
- Pressure control
- Solid-state relay instead of heating contactor



Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity	Pump capacity/Type
Water	160 °C	20 / 40 / 60 kW	150 °C 135 kW	SM85 200 l/min 3.5 kW

Technical data		
Outlet temperature		
max.	°C	160
Heat transfer medium		Water
Filling quantity	l	10
Expansion volume	l	5.0
Heating capacity at 400V	kW	20 / 40 / 60
Cooling capacity	kW	135
Cooler		SK
at outlet temperature	°C	150
at cooling water temperature	°C	20
Pump capacity/Type		SM85
Flow rate max.	l/min	200
Power consumption	kW	3.5
Pressure max.	bar	8.0
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	mm	432/1350/1554
Weight	kg	265
Color	RAL	9006/7016
Ambient temperature		
max.	°C	40
Noise level	db (A)	< 70

Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Manual shut-off valve in the inlet and outlet
- Water circuit of non-rusting materials
- Automatic water refill
- Filter in the main circuit
- Filter in the 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