

## P140L

Pressurised-water temperature control unit up to 140 °C

- Control system RT200 or RT100
- Pump with high pumping capacity: 140 l/min
- Low-scaling cooling system "SK"
- Pressure control
- Leak-free pump with magnetic coupling
- Solid-state relay instead of heating contactor



Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
Water	140 °C	17 / 34 / 51 kW	130 °C	85 kW	CRI 5H	140 l/min	1.1 kW
			130 °C	95 kW			

Technical data			
<b>Outlet temperature</b>			
max.	°C	140	
<b>Heat transfer medium</b>		Water	
Filling quantity	l	12	
Expansion volume	l	-	
<b>Heating capacity at 400V</b>	kW	17 / 34 / 51	
<b>Cooling capacity</b>	kW	85	95
Cooler		SK	2SK
at outlet temperature	°C	130	130
at cooling water temperature	°C	20	
<b>Pump capacity/Type</b>		CRI 5H	
Flow rate max.	l/min	140	
Power consumption	kW	1.1	
Pressure max.	bar	5.4	
<b>Control system</b>		RT100 / RT200	
Measuring mode (Standard)		Pt100	
<b>Operating voltage</b>	V/Hz	380-415 V, 50 Hz	440-480 V, 60 Hz
<b>Connections</b>			
Outlet/Inlet		G1"/60°/Cone	
Cooling water mains		G1/2"	
<b>Degree of protection</b>		IP54	
<b>Dimensions W/H/D</b>	mm	350/967/1366	
<b>Weight</b>	kg	170	
<b>Color</b>	RAL	9006/7016	
<b>Ambient temperature</b>			
max.	°C	40	
<b>Noise level</b>	db (A)	< 70	

## Standard equipment

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

## Options

- Electronic flow measurement
- Manual shut-off valve in the inlet and outlet