



# P200XLcalidra

Compact water temperature control unit with fresh design and high performant capabilities

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Compact water temperature control unit with fresh design and high performant capabilities

- Control system RT200
- Pump with high flow rate up to 500 l/min
- Low-scale cooling system SK / 2SK / 3SK
- Pressure control
- Solid-state relay instead of heating contactor
- Cyclone separator for enhanced filtration



## Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
Water	200 °C	40 / 100 kW	190 °C	500 kW	PM300	300 l/min	2.8 kW
					PM500	500 l/min	5.3 kW

## Technical data

<b>Outlet temperature</b>			
max.	200		°C
<b>Heat transfer medium</b>			
	Water		
Filling quantity	max. 35		l
Expansion volume	10		l
<b>Heating capacity at 400V</b>			
	40 / 100		kW
<b>Cooling capacity</b>			
	500		kW
Cooler	2SK / 3SK		
at outlet temperature	190		°C
at cooling water temperature	2SK > 50l/min, 3SK > 90l/min		
<b>Pump capacity/Type</b>			
	PM300	PM500	
Flow rate max.	300	500	l/min
Power consumption	2.8	5.3	kW
Pressure max.	6.5	8.0	bar
<b>Control system</b>			
	RT200		
Measuring mode (standard)	Pt100		
<b>Operating voltage</b>			
	3 x 400 V, 50/60 Hz		V/Hz
<b>Connections</b>			
Outlet/Inlet	DN 50 (G2" 60°Cone)		
Cooling water mains	SK / 2SK: G 1/2", 3SK: G3/4"		
<b>Degree of protection</b>			
	IP54		
<b>Dimensions W/H/D</b>			
	430/1300/1356		mm
<b>Weight</b>			
	250-300		kg
<b>Color</b>			
	7035/7042/7043		RAL
<b>Ambient temperature</b>			
max.	40		°C
<b>Noise level</b>			
	< 70		db (A)

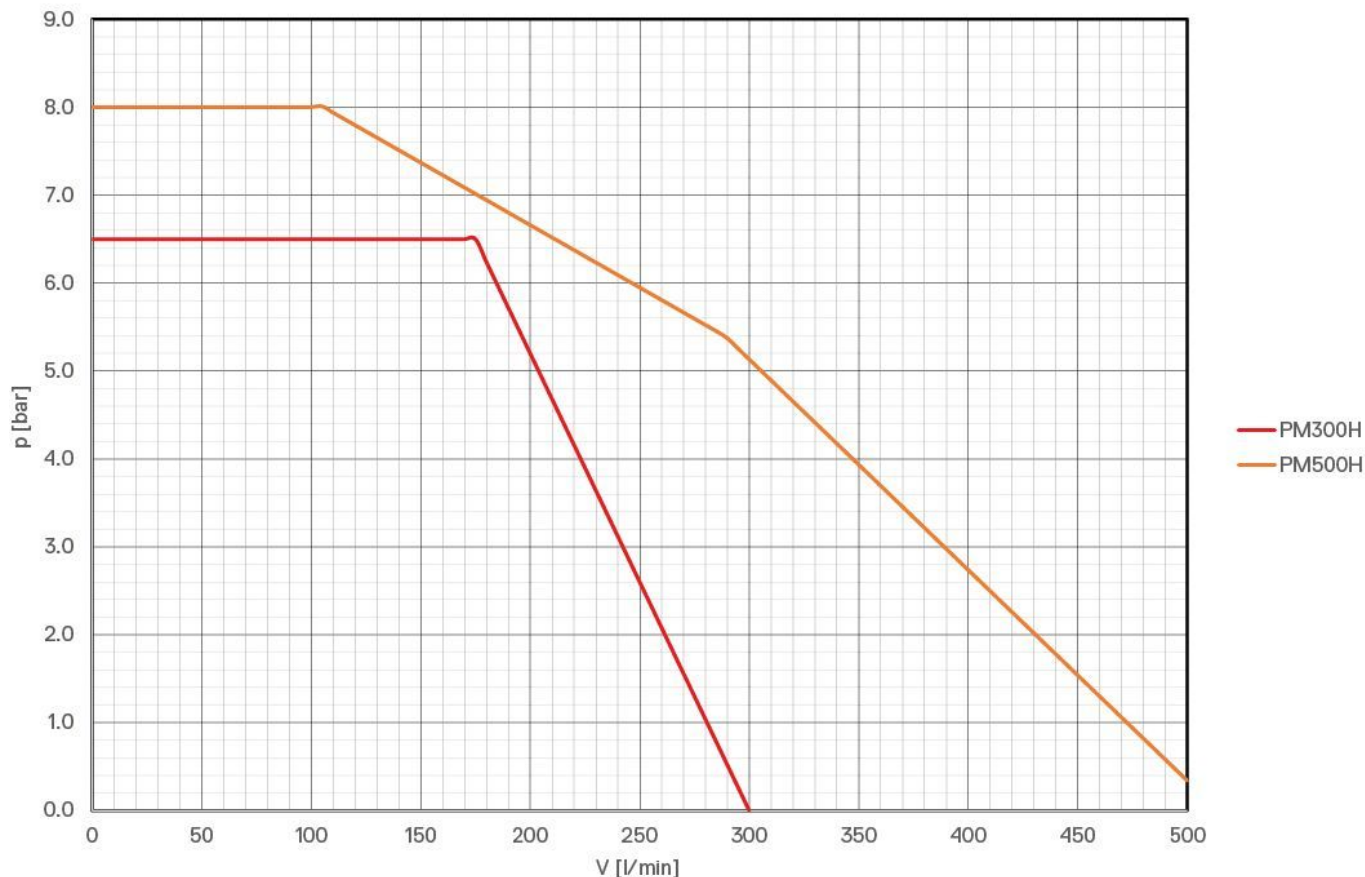
## Standard equipment

- RT200 control system
- Solid-state relay (SSR) instead of heating contactor
- Integrated status light
- Water circuit of non-rusting materials
- Automatic water refill
- In- and Outlet Pt100 sensor
- Filter in cooling water circuit 300µm
- Motors IE3 standard
- Pump PMK300 and PMK500 with frequency converter
- Low-scale cooling system (SK)
- Safety pressure release valve
- Safety thermostat
- Pressure drain
- Pressure gauge outlet
- Pressure gauge for system pressure
- Active pressure release system
- Unit in IP54 protection degree

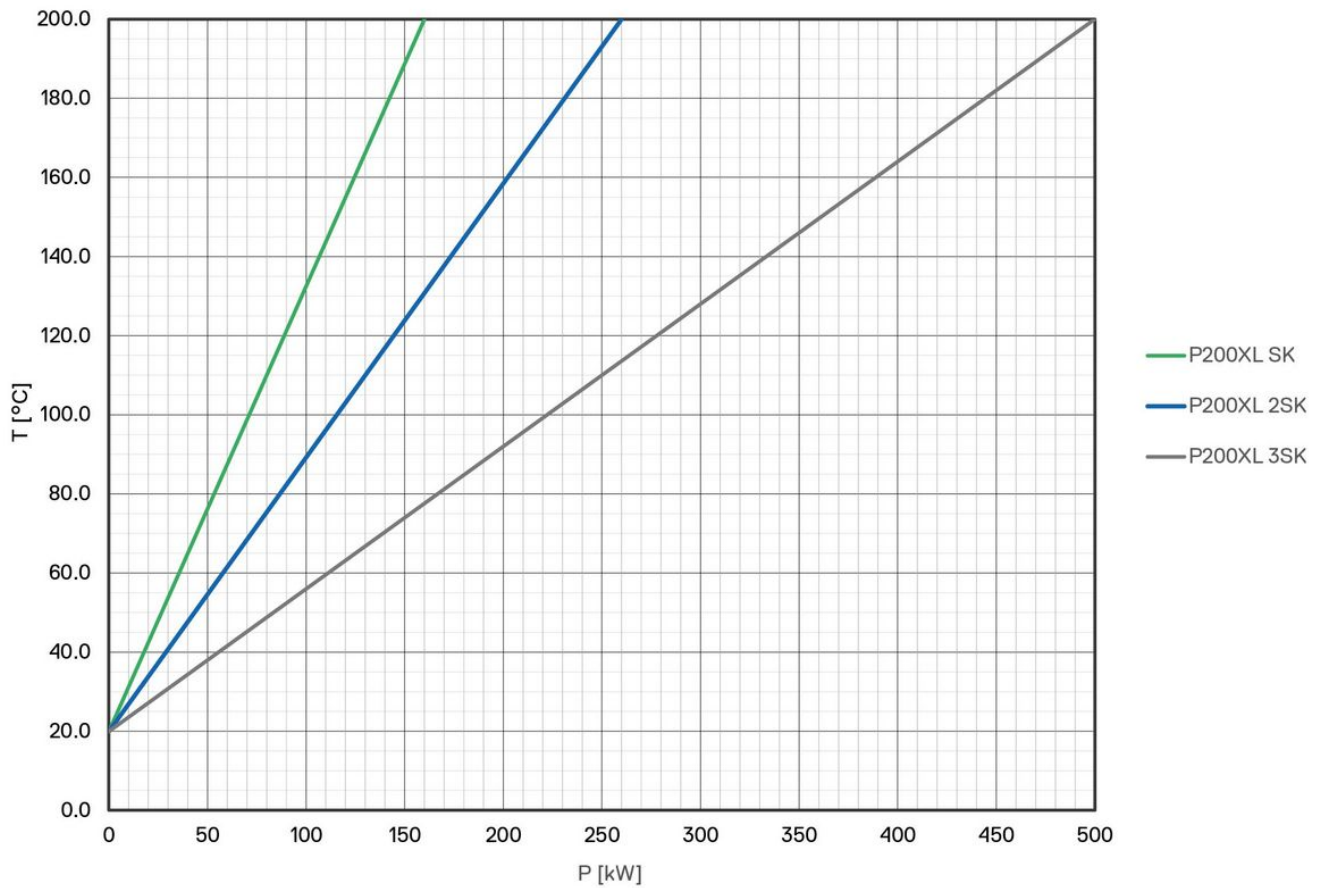
## Options

- F2000 speed-dependent flow measurement
- Pre-separation of dirt
- Filter in the main circuit 300µm with monitoring
- Leakage monitoring
- Pump condition monitoring
- Operating data monitoring
- Various interfaces
- Operating hours counter
- Combine with multiFlow XL 180
- Filter Cyclon

## Pump curve



## Cooling curve



## Representation Switzerland

Injection Molding, Die Casting, other Applications

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