



# P120smart

Temperature control unit for water up to 120 °C

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- RT70 control system with 3.5" TFT display
- Pump with high flow rate: 140 l/min
- Heating capacity at 400V: 8kW EU standard / 10 kW US standard



## Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
			110 °C	160 kW	CM53	140 l/min	0.64 kW
Water	120 °C	8 / 10 kW					

## Technical data

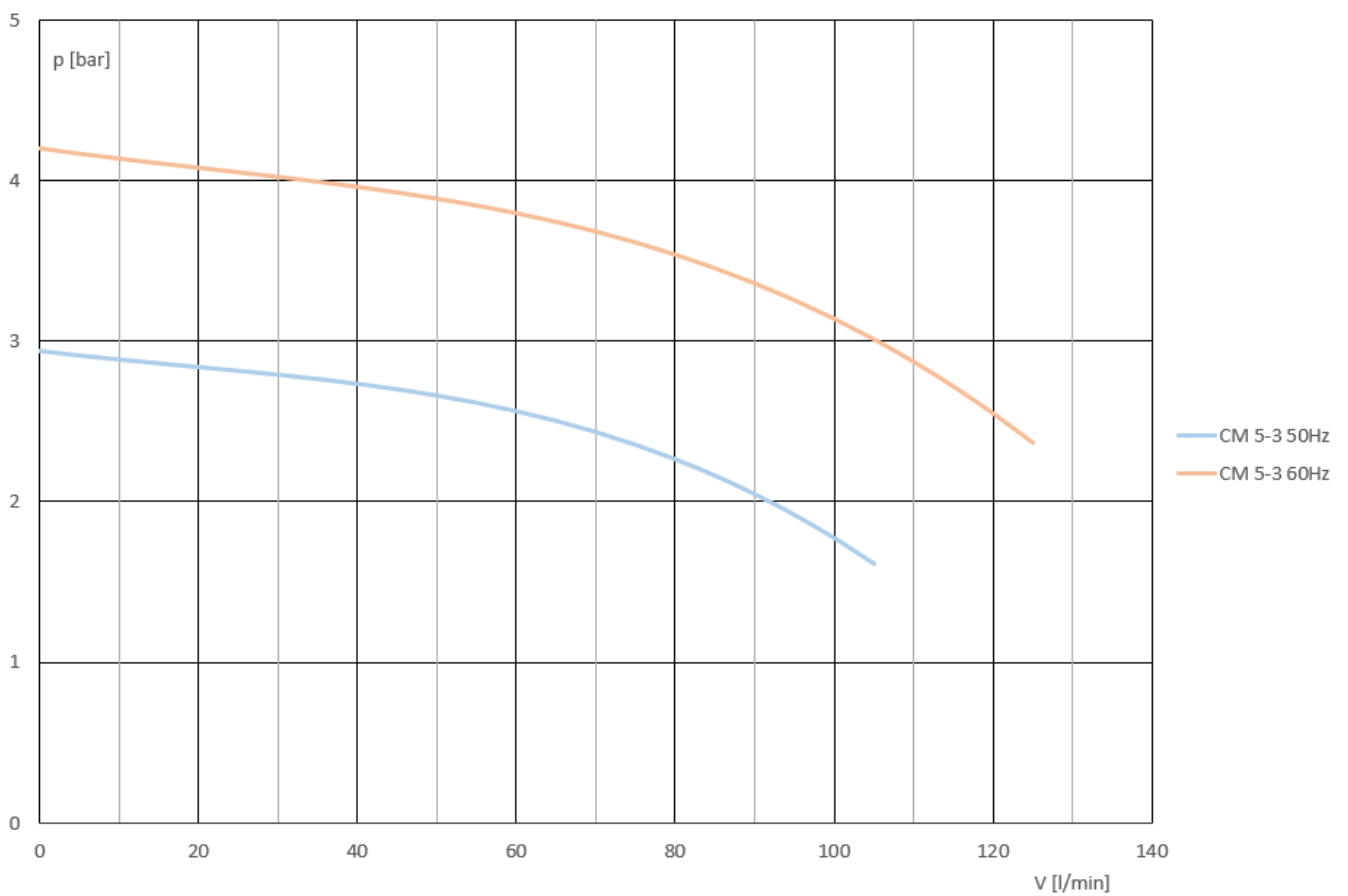
<b>Outlet temperature</b>		
max.	120	°C
<b>Heat transfer medium</b>		
	Water	
Filling quantity	1.0	l
Expansion volume	-	l
<b>Heating capacity at 400V</b>		
	8 / 10	kW
<b>Cooling capacity</b>		
	160	kW
Cooler	DK	
at outlet temperature	110	°C
at cooling water temperature	20	°C
<b>Pump capacity/Type</b>		
	CM53	
Flow rate max.	140	l/min
Power consumption	0.64	kW
Pressure max.	4.0	bar
<b>Control system</b>		
	RT70	
Measuring mode (standard)	Pt100	
<b>Operating voltage</b>		
	380-480 V, 50/60 Hz	V/Hz
<b>Connections</b>		
Outlet/Inlet	G1"	
Cooling water mains	G3/4"	
<b>Degree of protection</b>		
	IP40	
<b>Dimensions W/H/D</b>		
	240/600/610	mm
<b>Weight</b>		
	40	kg
<b>Color</b>		
	9006/7016	RAL
<b>Ambient temperature</b>		
max.	40	°C
<b>Noise level</b>		
	< 70	db (A)

### Standard equipment

### Options

- RT70 control system with 3.5" TFT display
  - Solid-state relay (SSR) instead of heating contactor
  - Filter in the main circuit
  - Automatic water refill
  - Direct cooling (DK)
  - Unit in IP40 protection degree
- Electronic flow measurement

### Pump curve



## Representation Slovenia

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Injection Molding, Die Casting, other Applications

Uniplast Inzeniring d.o.o  
Pod Hruševco 46c,  
1360 Vrhnika  
Slovenia

Tel + 38 61 5659 440  
Email [info@uniplast.si](mailto:info@uniplast.si)