

**Wilmod Heating & Systems
Kuwatec**

REGLOPLAS 



P180MD

Dual zone pressurised-water temperature control unit up to 180 °C: P180MD

- Innovative pressure control
- Patented low-scale cooling system "SK"
- Pumps with high pumping capacity: 100 l/min
- Leak-free pump with magnetic coupling
- Control system RT100
- Solid-state relay instead of heating contactor



Technical data		
Outlet temperature		
max.	°C	180
Heat transfer fluid		
Water		
Filling quantity	l	1.0
Expansion volume	l	0
Heating capacity at 400 V		
Standard	kW	8
Standard	kW	18
Cooling capacity		
Cooler type		SK
max.	kW	76
Cooler type		2SK
max.	kW	90
at outlet temperature	°C	170
Pump capacity		
Type		SM73H
Flow rate max.	l/min	60
Power consumption	kW	1
Type		SM75H
Flow rate max.	l/min	100
Power consumption	kW	1,5
Pressure max.	bar	6
Control		
Type		RT100
Measuring mode		Pt100
Operating voltage		
Standard	V/Hz	400/50 3PE
Connections		
Outlet/inlet		G3/4"
Cooling water supply		G1/2"
Dimensions		
Width	mm	416
Height	mm	1436
Depth	mm	1037
Weight		
Standard	kg	170
Colour		
Standard	RAL	9006/7016
Ambient temperature		
max.	°C	40
Noise level		
max.	db (A)	70

Equipment	
RT100 control system	●
RT34 control system	—
Solid-state relay (SSR) instead of heating contactor	●
Electronic flow measurement	○
Manual shut-off valve in the inlet and outlet	○
Filter in the main circuit	●
Display of outlet pressure on RT100	●
Drainage of the fluid from the consumer by suction	●
Leak-free pump	●
Patented low-scale cooling system "SK"	●
Unit in IP54 protection degree	●

● Standard ○ Option — Not available ● / ○ / — Device-related



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