

P200MD

Dual zone pressurised-water temperature control unit up to 200 °C

- Control System RT200
- Pump with high flow rate: 100 l/min
- Low-scaling cooling system "SK"
- Pressure control
- Leak-free pump with magnetic coupling
- Solid-state relay instead of heating contactor



Technical specifications

| Heat transfer medium | Outlet temperature | Heating capacity at 400V | Cooling capacity | | Pump capacity/Type | | |
|----------------------|--------------------|--------------------------|------------------|--------|--------------------|----------|--------|
| Water | 200 °C | 8 / 18 kW | 190 °C | 86 kW | SM73H | 60 l/min | 1.0 kW |
| | | | 190 °C | 102 kW | SM75H | 90 l/min | 1.5 kW |
| | | | | | PM75H | 85 l/min | 2.2 kW |

Technical data

| | | | | |
|---------------------------------|--------|---------------------|-------|-------|
| Outlet temperature | | | | |
| max. | °C | 200 | | |
| Heat transfer medium | | Water | | |
| Filling quantity | l | 1.9 | | |
| Expansion volume | l | - | | |
| Heating capacity at 400V | kW | 8 / 18 | | |
| Cooling capacity | kW | 86 | 102 | |
| Cooler | | SK | 2SK | |
| at outlet temperature | °C | 190 | 190 | |
| at cooling water temperature | °C | 20 | 20 | |
| Pump capacity/Type | | SM73H | SM75H | PM75H |
| Flow rate max. | l/min | 60 | 90 | 85 |
| Power consumption | kW | 1.0 | 1.5 | 2.2 |
| Pressure max. | bar | 6.0 | 6.0 | 9.8 |
| Control system | | RT100 / RT200 | | |
| Measuring mode (standard) | | Pt100 | | |
| Operating voltage | V/Hz | 200-600 V, 50/60 Hz | | |
| Connections | | | | |
| Outlet/Inlet | | G3/4" | | |
| Cooling water mains | | G1/2" | | |
| Degree of protection | | IP54 | | |
| Dimensions W/H/D | mm | 416/1430/1037 | | |
| Weight | kg | 170 | | |
| Color | RAL | 9006/7016 | | |
| Ambient temperature | | | | |
| max. | °C | 40 | | |
| Noise level | db (A) | < 70 | | |

Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Filter in the main circuit
- Draining the consumer by suction
- Leak-free pump
- Patented low-scale cooling system (SK)
- Unit in IP54 protection degree
- RT200 control system

Options

- Electronic flow measurement
- Hand valve in inlet and outlet
- Pump PM75H only with frequency converter
- RT100 control system

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