

REGLOPLAS

P100XS

Pressurised-water temperature control unit for plastic injection moulding applications used in micro injection moulding machines up to 100 °C

- Control system RT200 or RT100
- Pump with high flow rate: 11 l/min
- Direct cooling



| Heat transfer medium | Outlet temperature | Heating capacity at 400V | Cooling capacity | | Pump capacity/Type | | |
|----------------------|--------------------|--------------------------|------------------|-------|--------------------|----------|---------|
| | | | 90 °C | 32 kW | SG10 | 11 l/min | 0.14 kW |
| Water | 100 °C | 3 kW | | | | | |

| Technical data | | |
|---------------------------------|--------|--------------------|
| Outlet temperature | | |
| max. | °C | 100 |
| Heat transfer medium | | Water |
| Filling quantity | l | 0.5 |
| Expansion volume | l | - |
| Heating capacity at 400V | kW | 3 |
| Cooling capacity | kW | 32 |
| Cooler | | DK |
| at outlet temperature | °C | 90 |
| at cooling water temperature | °C | 20 |
| Pump capacity/Type | | SG10 |
| Flow rate max. | l/min | 11 |
| Power consumption | kW | 0.14 |
| Pressure max. | bar | 3.7 |
| Control system | | RT100 / RT200 |
| Measuring mode (Standard) | | Pt100 |
| Operating voltage | V/Hz | 400 V, 50 Hz, 3 PE |
| Connections | | |
| Outlet/Inlet | | G3/8" |
| Cooling water mains | | G1/4" |
| Degree of protection | | IP54 |
| Dimensions W/H/D | mm | 143/420/520 |
| Weight | kg | 25 |
| Color | RAL | 9006 |
| 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
- Filter in the cooling water circuit
- Automatic water refill
- Leak-free pump
- Direct cooling (DK)
- Unit in IP54 protection degree

Options

Manual shut-off valve in the inlet and outlet