

multiFlow compact 160

The multiple distributor system is fully integrated within the control system of the temperature control unit. Each circuit is configured and monitored separately. Not suitable for harsh environmental conditions, such as: die casting.

- Compact four-way distributor on the temperature control unit or on the machine
- Saves costs and energy as fewer temperature control units are required
- Individual flow control per circuit are available as standard
- Up to max. 4 x 4 temperature control circuits per TCU are feasible with servo valves or ball valves
- Allows the use of the full flow rate with full pump output in parallel-connected temperature control circuits
- Eliminates the risk of calcification or blockage in one of the circuits from affecting all the others



Technical specifications

| Outlet temperature | Heat transfer medium | Number of channels | Flow measurements per channel (Typ) | | Connections | |
|--------------------|----------------------|--------------------|-------------------------------------|--------------------|-------------|-------|
| 160 °C | Water | 4 - 8 | 1 - 18 (VFS) l/min | 2 - 40 (VFS) l/min | G3/4" | G1/2" |

Technical data

| | | | |
|--------------------------------------------|--------|---------------|--------------|
| Outlet temperature | | | |
| max. | °C | 160 | |
| Heat transfer medium | | Water | |
| Number of channels | | 4 - 8 | |
| Sensors | | | |
| Flow measurement per channel (Typ) | l/min | 1 - 18 (VFS) | 2 - 40 (VFS) |
| Temperature measurement per channel | | PT100 | |
| Models | | | |
| Cooling channels | | 4 | 8 |
| Control system | | RT100 / RT200 | |
| Operating voltage | V/Hz | 24V DC | |
| Connections | | | |
| Main connection temperature control unit | | G3/4" | |
| Outlets to consumer | | G1/2" | |
| Dimensions W/H/D | | | |
| manual | mm | 237/120/590 | 463/120/590 |
| automatic | mm | 333/182/588 | 655/182/588 |
| Color | RAL | 7016 | |
| Ambient temperature | | | |
| max. | °C | 40 | |
| Noise level | db (A) | -- | |

Standard equipment

- Profinet interface connection to temperature control unit

Options

- Flow meter F181 and MF180 (up to 180°C)
- Ball valve (manual setting)
- Control ball valve (automatic setting)
- Stand-alone with control system RT200

Representation Switzerland

Injection Molding, Die Casting, other Applications

Regloplas AG
Spühlstrasse 6
9016 St. Gallen
Switzerland

Tel +41 71 282 58 00
Email info@regloplas.com