

# multiFlow compact 180

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
- Fully integrated within the control system of the temperature control unit
- Saves costs and energy as fewer temperature control units are required
- Four-way distributor for temperatures up to 180 °C with manual ball valves
- Up to max. 4 x 4 temperature control circuits per TCU are feasible
- 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	
180 °C	Water	4 - 8	3 - 30 (F181) l/min	G3/4"	G1/2"

## Technical data

<b>Heat transfer medium</b>		Water
<b>Outlet temperature</b>		
max.	°C	180
<b>Number of channels</b>		4 - 8
<b>Sensors</b>		
Flow measurement per channel (Typ)	l/min	3 - 30 (F181)
<b>Temperature measurement per channel</b>		PT100
<b>Models</b>		
Cooling channels		4   8
<b>Control system</b>		RT100 / RT200
<b>Operating voltage</b>	V/Hz	24V DC
<b>Connections</b>		
Main connection temperature control unit		G3/4"
Outlets to consumer		G1/2"
<b>Dimensions W/H/D</b>		
manual	mm	237/120/590   463/120/590
<b>Color</b>	RAL	7016
<b>Ambient temperature</b>		
max.	°C	40
<b>Noise level</b>	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)
- 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](mailto:info@regloplas.com)