

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

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Injection Molding, Die Casting, other Applications

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