



1 SERIE

1 Serie is a flow regulator made of two modules, 4 and 6 zones, with flow measurement in return from mold without inlet manifold. Floats can be of different material as a function of measured flow rate.

Models

- 035** water flow rate 0-3,5 L/min (grey pvc float)
- 009** 009 water flow rate 0,04-0.9 Gpm (grey pvc float)
- 008** water flow rate 0-8 L/min (red anodized aluminium float)
- 022** water flow rate 0.09-2.2 Gpm (red anodized aluminium float)
- 115** water flow rate 1-15 L/min (brass float 1)
- 041** water flow rate 0,4-4,1 Gpm (brass float 1)
- 425** water flow rate 4-25 L/min (brass float 2)
- 166** water flow rate 1-6,6 Gpm (brass float 2)

Optional

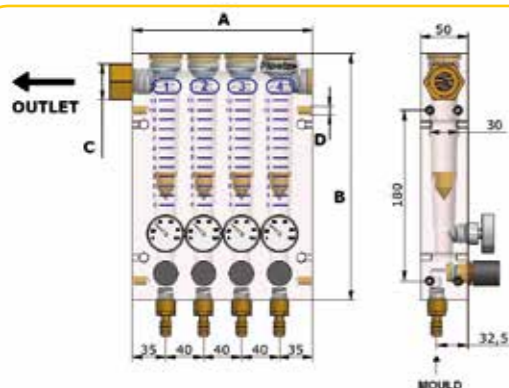
- F° thermometers and Npt connections
- 1 Serie can be supplied with solenoid valves (brass or inox) for central shutdown of several mold circuits to avoid condensation on mold cavities

Technical data

- Methacrylate with brass & aluminum components
- Main connections G 3/4" or G 1" F brass, mold connections G 3/8" F brass and hose fittings (10/13/15 mm)
- Maximum working pressure 20 bar
- Maximum working temperature 80° C

Max Pressure	Max Temp.
20 bar	80 °C / 176° F

1 Serie					
Dimensions [mm]	A	B	C (Gas)	C (Npt)	D
4 zone	190	260	G 3/4" - G 1" F	Npt 3/4" - 1" F	M6
6 zone	270	260	G 3/4" - G 1" F	Npt 3/4" - 1" F	M6



Mini

Mini is a modular flow regulator made in modules of 2,3,4 zone and thanks to our modularity system will be feasible patterns from 5 to 8 zone.

model for small injection molding machines or for water applications with flow rate 0-8 L/min or 0-2,2 Gpm max.

Optional

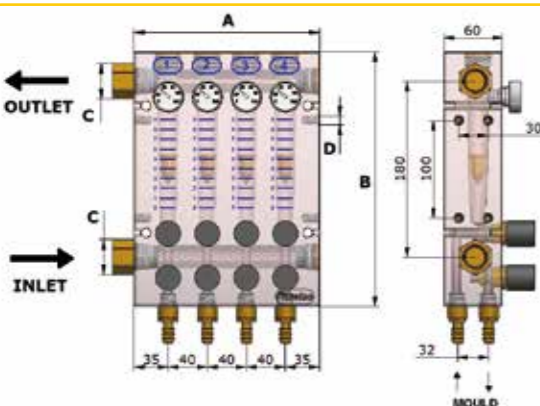
- F° thermometers and Npt connections
- Mini can be supplied with solenoid valves (brass or inox) for central shutdown of several mold circuits to avoid condensation on mold cavities

Technical data

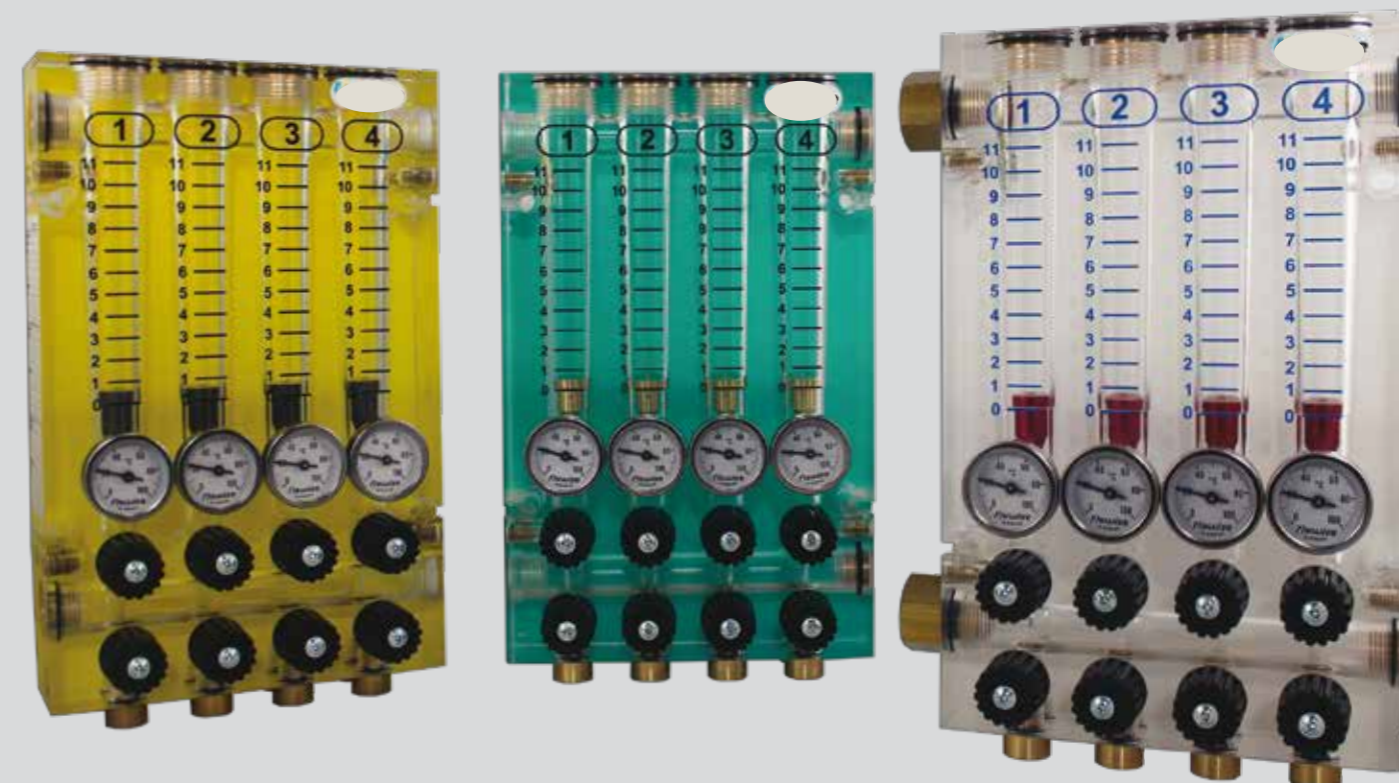
- Methacrylate with brass & aluminum components
- Main connections G 3/4" F, mold connections G 3/8" F brass and hose fittings (10/13/15 mm)
- Maximum working pressure 20 bar
- Maximum working temperature 80° C

Max Pressure	Max Temp.
20 bar	80 °C / 176° F

Mini					
Dimensions [mm]	A	B	C (Gas)	C (Npt)	D
2 zone	110	260	G 3/4" F	Npt 3/4" F	M6
3 zone	150	260	G 3/4" F	Npt 3/4" F	M6
4 zone	190	260	G 3/4" F	Npt 3/4" F	M6



Stop sketching, start building



5 Serie

Flow regulator for cooling water



No loss
60 mm plexiglass® block machined work

Easy to use
4 exchangeable floats for 4 flow rates

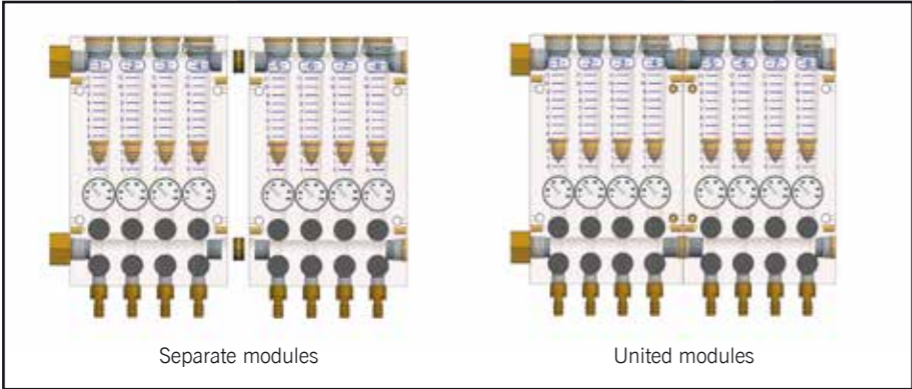
Modularity System
Modules from 1 to 6 combinable to 24 with central manifold and 2" connections

Exchangeable
Side holes for fixing to machine with dimensions as other f.r. manufacturers

2018 Oem Design
Made in new millennium to offer you a customizable design

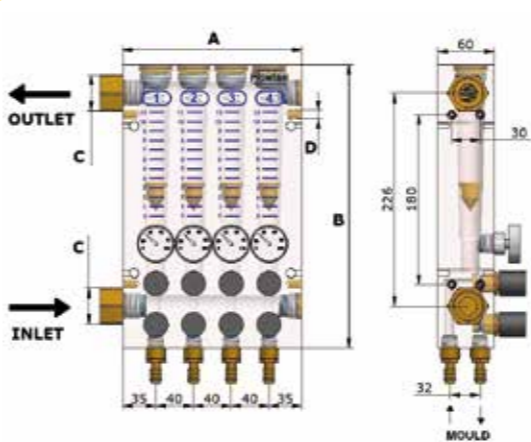
Long life product
For rusty, limestone and grease use Flowise cleaner

Modularity System
flow regulators are manufacture in modules from 1 to 6 zone: modules can be assembled together thanks to our modular system that allows you to create models from 7 to 24 zone with central manifold and 2" gas back connection.



How to clean flow regulator

Close brass valves water return to mold (first row) use 8 mm Allen key (photo 1) to unscrew upper plugs (photo 2) extract floats using M5 threaded bar (photo 3) use water with Flowise detergent (30% or higher) and leave for few minutes, then clean channels and manifold with soft brush supplied.



5 Serie

5 Serie is a flow regulator with double manifold inlet/return and temperature control and most compact size available in the market. Floats can be of different material as a function of flow rate measure.

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Optional

- F° thermometers and Npt connections
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- Maximum working pressure 20 bar
- Maximum working temperature 80° C

	Max Pressure	Max Temp.
	20 bar	80 °C / 176° F

5 Serie	A	B	C (Gas)	C (Npt)	D
Dimensions [mm]					
1 zone	70	300	G 3/4" - G 1" F	Npt 3/4" - 1" F	M6
2 zone	110	300	G 3/4" - G 1" F	Npt 3/4" - 1" F	M6
3 zone	150	300	G 3/4" - G 1" F	Npt 3/4" - 1" F	M6
4 zone	190	300	G 3/4" - G 1" F	Npt 3/4" - 1" F	M6
5 zone	230	300	G 3/4" - G 1" F	Npt 3/4" - 1" F	M6
6 zone	270	300	G 3/4" - G 1" F	Npt 3/4" - 1" F	M6

Water flow rate

Pvc	Allumimium	Brass 1	Brass 2
0 - 3,5 lt/min 0,04-0.9 Gpm	0 - 8,3 lt/min 0.09-2.2 Gpm	1 - 15 lt/min 0,4-4,1 Gpm	4 - 25 lt/min 1-6,6 Gpm

Order codes

MODEL	CODE	CIRCUITS	MODEL (FLOAT FOR FLOW RATE)				MAIN IDRAULIC CONNECTIONS (GAS / US GPM)		CONNECTIONS TO MOLD (HOSE FITTING mm)		
5 SERIE	S5	1 TO 24	035L	008L	115L	425L	G 3/4" F	G 1" F	10	13	15
			009G	022G	041G	116G	NPT 3/4" F	NPT 1" F	10	13	15
1 SERIE	S1	4 - 6	035L	008L	115L	425L	G 3/4" F	G 1" F	10	13	15
			009G	022G	041G	116G	NPT 3/4" F	NPT 1" F	10	13	15
MINI	M	2 - 3 - 4 - 5 - 6	008L				G 3/4" F		10	13	15
			022G				NPT 3/4" F		10	13	15
ORDER NUMBER (EXAMPLE)											
	S5	7			115L		G34			13	
	S5	20				116G		N1			15
	S1	6				425L		G1			15
	M	4	008L				G34		10		