REG
AUTOMATIC FLOW REGULATING VALVE, PASSIVELY ACTIVATED

Flow
Pressure
Level
Temperature
measurement
monitoring
control

- **Brass or SS Construction Available**
- **Universal Mountability**

S6

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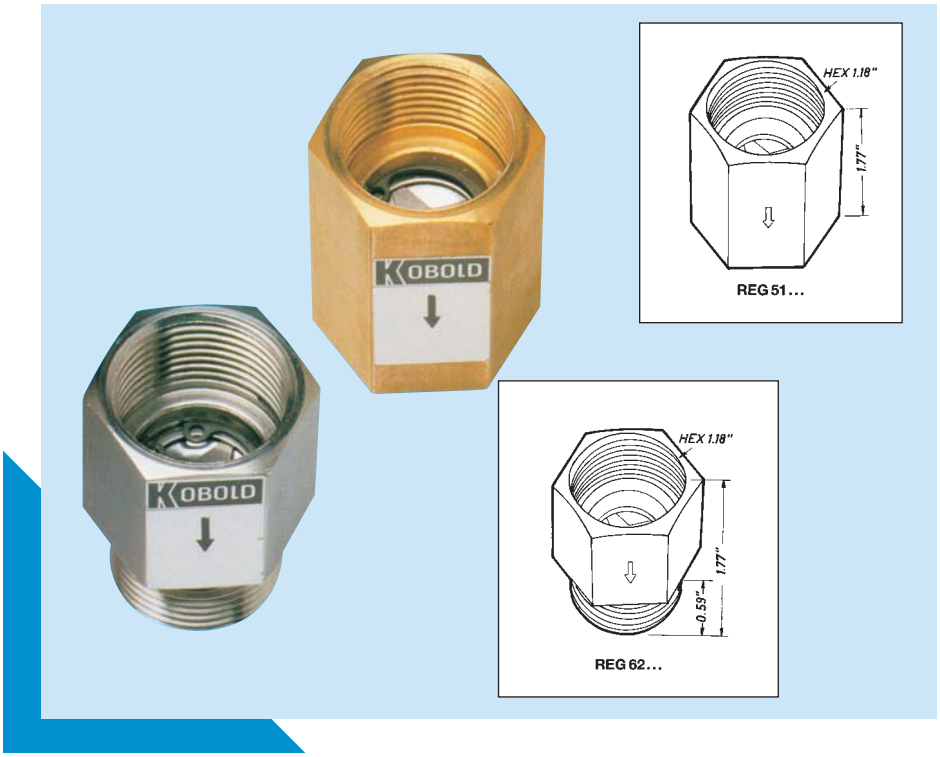
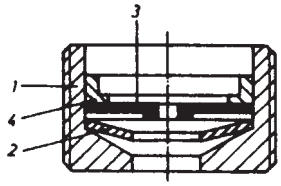
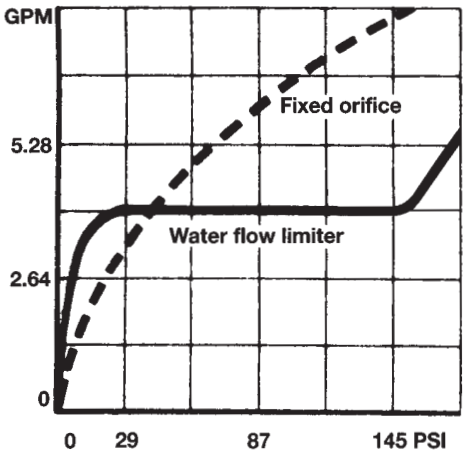
Model:
REG





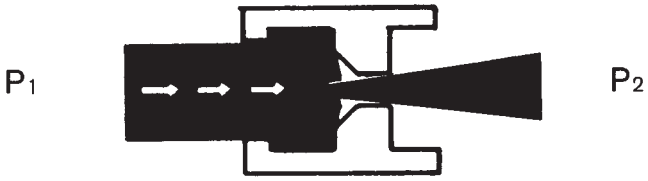
Components	Materials
1 Valve housing	Brass or 304 SS
2 Ring Cone	304 SS
3 Regulating Orifice	301 SS
4 Clamping Rings	Stainless Steel cr/Mo SS



How does it work?
As the pressure increases, the cross-section of an orifice decreases proportionally. The flow of liquid thus remains constant.

What kind of valve is it?
As the name suggests, this is a valve which automatically regulates the flow within a system. Regardless of pressure fluctuations, the valve keeps the flow permanently constant. Since this state can be maintained within a wide range of pressures, this valve is particularly suitable for networks suppling several users. This is why it is also described as a “balance valve”. The valve has no manually operated parts and requires no maintenance once it has been installed. There are no electrical or pneumatic control lines. The valve is self-actuating and requires no additional energy source to operate.

Specifications
Flow medium: water
Mounting: note the indicated direction of flow on valve
Maximum Temperature: 500˚F
Max. Operating Pressure: 2900 PSIG
Max. Differential Pressure: 145 PSI



Direction of flow - left to right

Order Numbers for Standard Types

Accuracy ± GPM	Flow rate GPM	female/female 3/4” NPT		female/male 3/4” NPT	
		Brass	SS	Brass	SS
0.05	0.26	REG 5101	REG 5201	REG 6101	REG 6201
0.05	0.53	REG 5102	REG 5202	REG 6102	REG 6202
0.10	0.79	REG 5103	REG 5203	REG 6103	REG 6203
0.10	1.06	REG 5104	REG 5204	REG 6104	REG 6204
0.13	1.59	REG 5106	REG 5206	REG 6106	REG 6206
0.13	2.11	REG 5108	REG 5208	REG 6108	REG 6208
0.18	2.64	REG 5110	REG 5210	REG 6110	REG 6210
0.18	3.17	REG 5112	REG 5212	REG 6112	REG 6212
0.32	4.23	REG 5116	REG 5216	REG 6116	REG 6216
0.32	5.28	REG 5120	REG 5220	REG 6120	REG 6220
0.40	6.60	REG 5125	REG 5225	REG 6125	REG 6225
0.40	7.93	REG 5130	REG 5230	REG 6130	REG 6230