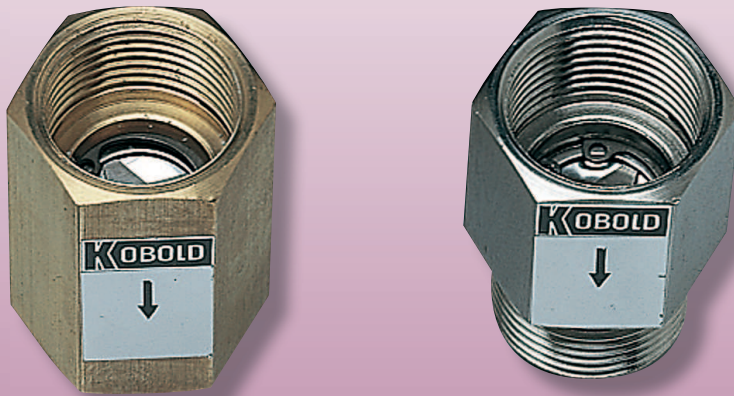


REG AUTOMATIC FLOW REGULATING VALVE



Flow
Pressure
Level
Temperature
Measurement
Monitoring
Control

Z1



- Brass or SS Construction Available
- Universal Mountability
- Passively Activated
- Compact Design
- T_{max} : 572 °F
- P_{max} : 2900 PSIG



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Model:
REG



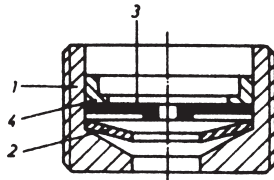
Description

The REG Automatic Flow Regulating Valve 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 supplying 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
Max. Temperature: 572 °F
Max. Operating Pressure: 2900 PSIG
Max. Differential Pressure: 145 PSI

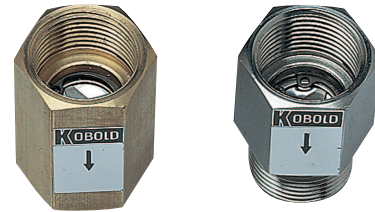
Material Combination



| Ref. | Components | Materials |
|------|--------------------|-----------------|
| 1 | Valve Housing | Brass or 304 SS |
| 2 | Ring Cone | 304 SS |
| 3 | Regulating Orifice | 301 SS |
| 4 | Clamping Rings | SS cr/Mo SS |

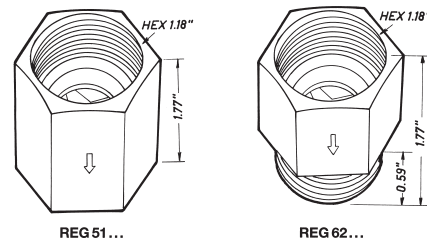
Order Details (Example: REG-6140)

| Accuracy ± [GPM] | Flow Rate [GPM] | Female/Female 3/4" NPT | | Female/Male 3/4" NPT | |
|------------------|-----------------|------------------------|----------|----------------------|----------|
| | | Brass | SS | Brass | SS |
| 0.05 | 0.13 | REG-5100 | REG-5200 | REG-6100 | REG-6200 |
| 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 |
| 0.40 | 10.56 | REG-5140 | REG-5240 | REG-6140 | REG-6240 |

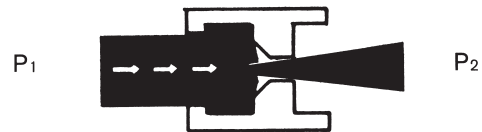


KOBOLD REG Flow Regulating Valve

Dimensions



Direction of Flow - Left to Right



Water Flow Limiter

