

FlowCal™ Compact Automatic Balancing Valve with polymer cartridge

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127 Series



Function

The FLOWCAL™ automatic balancing valve maintains a constant fixed flow rate within varying system differential pressure ranges. The 127 series utilize an exclusive, interchangeable flow cartridge, made of anti-scale, low noise polymer and a compact low-lead brass valve body for use in cooling, heating and domestic water systems.

Product range

127 Series Compact Automatic Balancing Valve with polymer cartridge, 1/2", 3/4", 1"

Technical characteristics

Material:

Body: low-lead brass (<0.25% Lead content)
FLOWCAL flow cartridge: anti-scale polymer
Spring: stainless steel
Seals: EPDM

Performance:

Medium: water, glycol solutions
Max. percentage of glycol: 50%
Max. working pressure: 232 psi (16 bar)
Working temperature range: 32-212°F
(0-100°C)

Connections: 1/2", 3/4" and 1" NPT or Sweat

Flow Rate: 15 fixed flow rate settings ranging from 0.5 - 10 GPM



SAFETY INSTRUCTION

This safety alert symbol will be used in this manual to draw attention to safety related instructions. When used, the safety alert symbol means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED! FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN A SAFETY HAZARD.**



CAUTION: All work must be performed by qualified personnel trained in the proper application, installation, and maintenance of systems in accordance with all applicable codes and ordinances.



CAUTION: Over-tightening and breakage can occur with the use of Teflon[®] pipe joint compounds. Teflon[®] provides lubricity so that care must be exercised not to over-tighten joints. Failure to follow these instructions could result in property damage and /or personal injury.



WARNING: System fluids are under pressure or temperature can be hazardous. Be sure the pressure has been reduced to zero and the system temperature is below 100°F (38°C). Failure to follow these instructions could result in property damage and/or personal injury.