



STATIC BALANCING VALVE WITH FLOWMETER QUICKSETTER+™

CALEFFI
Hydronic Solutions



Heating & Cooling

Components for today's modern hydronic systems



FUNCTIONS AND FEATURES

- Combined balancing valve, flow meter, temperature gauge and check valve simplifies installation at a lower cost.
- Application flexibility for plumbing and hydronic use. The built-in check valve protects against circuit thermo-siphoning. The optional outlet temperature gauge verifies the fluid temperature in the circuit.
- Ball/magnet flow indicator in hermetically sealed flow chamber, not in direct contact with system fluid, remains clean for reliable readings.
- Constructed of DZR brass, suitable for hydronic and plumbing applications, such as hot water recirculation systems (Certified low lead)
- 303 stainless steel control ball for long lasting, corrosion resistant service life. Two flow range options for recirculation system flexibility with 0.5 – 1.75 gpm or 2 – 7 gpm scales
- Direct flow adjustment for accurate control; Accurate visual built-in flow and optional temperature reading; Fast commissioning without additional measuring instruments.

QUICKSETTER+™



The QuickSetter+™ manual balancing valve contains a built-in flow meter and sight gauge, eliminating the need for differential pressure gauges and reference charts. Circuit balancing is fast, easy and accurate. Constructed of DZR low-lead brass, QuickSetter+™ is ideally suited for use in plumbing applications such as hot water recirculation systems. The built-in check valve protects against circuit thermo-siphoning. The outlet temperature gauge (optional) verifies the fluid temperature in the circuit. The flow meter sight gauge is dry (not exposed to the fluid) thus eliminating the possibility of gauge clouding/scaling over time.

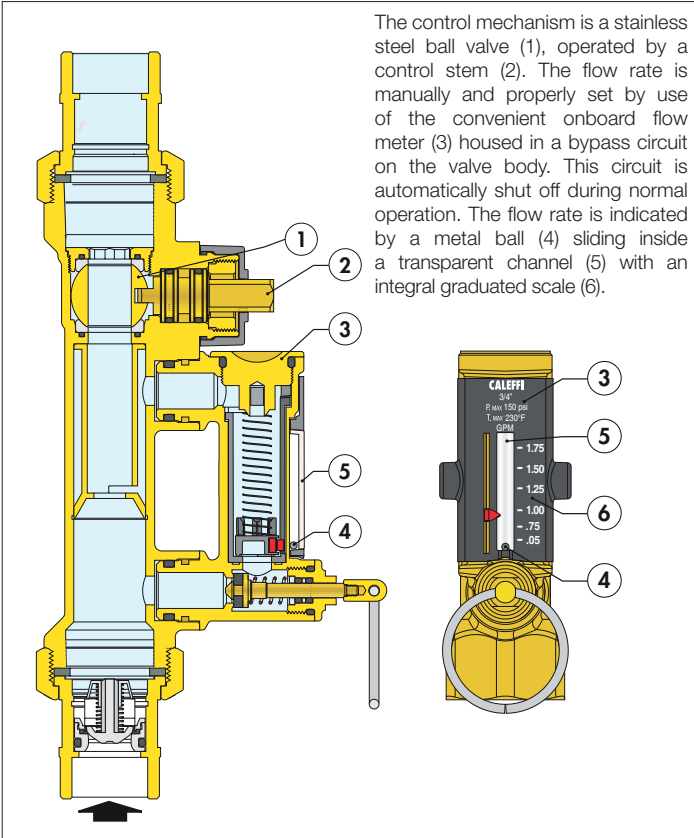
TECHNICAL SPECIFICATIONS

| CODE | CONNECTIONS | FLOW RATE (GPM) | CV* |
|------------------------|---|-----------------|-----|
| 132439AFC 132438AFC | ½" sweat with check valve ½" sweat with temp gauge & check valve | ½ — 1¾ | 1.0 |
| 132539AFC 132538AFC | ¾" sweat with check valve ¾" sweat with temp gauge & check valve | | |
| 132639AFC 132638AFC | 1" sweat with check valve 1" sweat with temp gauge & check valve | | |
| 132459AFC 132458AFC | ½" sweat with check valve ½" sweat with temp gauge & check valve | 2 — 7 | 6.3 |
| 132559AFC 132558AFC | ¾" sweat with check valve ¾" sweat with temp gauge & check valve | | |
| 132659AFC 132658AFC | 1" sweat with check valve 1" sweat with temp gauge & check valve | | |

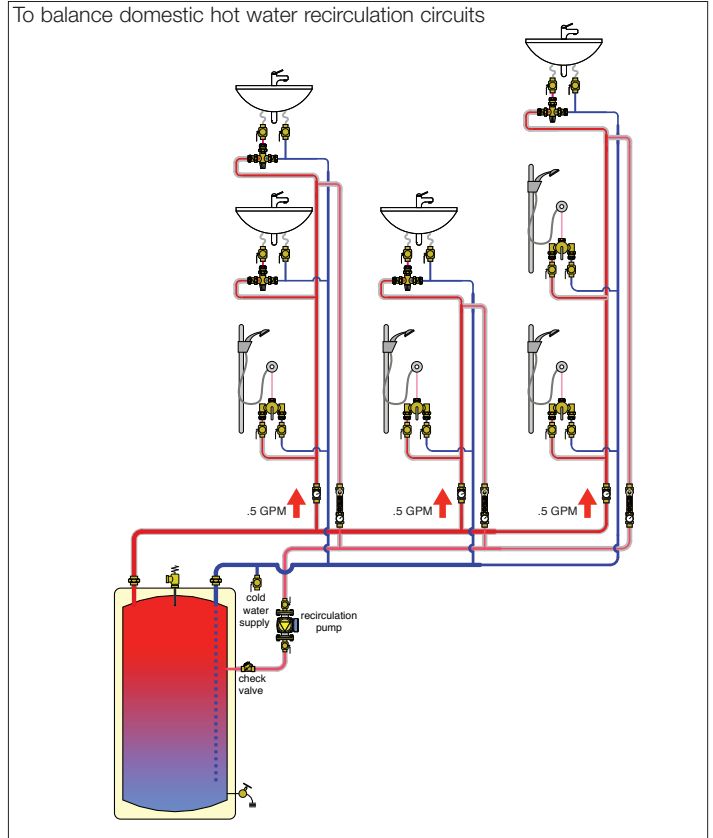
* Fully open Cv.

APPLICATION DIAGRAMS

CONSTRUCTION



The control mechanism is a stainless steel ball valve (1), operated by a control stem (2). The flow rate is manually and properly set by use of the convenient onboard flow meter (3) housed in a bypass circuit on the valve body. This circuit is automatically shut off during normal operation. The flow rate is indicated by a metal ball (4) sliding inside a transparent channel (5) with an integral graduated scale (6).



Balancing made fast, easy, and accurate with QuickSetter+™

Hot water recirculation systems are designed to minimize wait time for hot water to arrive when a fixture is opened. Systems left unbalanced or improperly balanced result in wasted water down the drain, a costly and environmentally unfriendly situation - not to mention the undesired annoyance placed on building occupants. The QuickSetter+™ takes the guess work and labor out of balancing. With the valve's exclusively designed venturi mechanism, the installer simply pulls the flow indicator by-pass pin, adjusts the flow to the desired flow rate while viewing the built-in sight gauge, and releases the pin. Easy, accurate balancing in seconds. No instruments or reference graphs are needed.

REFERENCE DOCUMENTATION: TECHNICAL BROCHURE 1283



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