# QuickSetter+™ Low-lead balancing valve with flow meter

## 132 series

01283.01/14



LOW-LEAD IAPMO R&T ™

### Function

The QuickSetter+™ balancing valve accurately controls the flow rate in plumbing systems. Proper system balancing ensures the system operates according to design specifications, achieving, with the QuickSetter+™, precise quick manually balanced hot water circuits. The flow meter is housed in a bypass circuit on the valve body and can be shut off during normal operation. The flow meter permits fast and easy circuit balancing without added differential pressure gauges and charts.

### Product range

132 series Balancing valve with flow meter, includes check valve and optional outlet temperature gauge sizes 1/2", 3/4", 1", 1 1/4", 1 1/2", and 2"

### Technical specifications

**Materials**

**Valve**

| | |
|---|---|
| Body: | low-lead brass |
| Ball: | low-lead brass |
| Ball control stem: | 303 stainless steel |
| Ball seal seat: | PTFE |
| Control stem guide: | PSU |
| Seals: | EPDM |

**Flow meter**

| | |
|---|---|
| Body and headwork: | low-lead brass |
| Bypass valve stem: | brass, chrome plated |
| Springs: | stainless steel |
| Seals: | EPDM |
| Flow meter float and indicator cover: | PSU |

Reduction of Lead in Drinking Water Act Compliant: 0.25% Max. weighted average lead content. Reduction of Lead in Drinking Water Act Certifed by IAPMO R&T.

**Performance**

| | |
|---|---|
| Suitable Fluids: | water, glycol solutions |
| Max. percentage of glycol: | 50% |
| Max. working pressure: | 150 psi (10 bar) |
| Working temperature range: | 14 - 230°F (-10–110°C) |
| Flow rate range unit of measurement: | 1/2 - 1 3/4 gpm<br>2 - 7 gpm |
| Accuracy: | ±10% |
| Control stem angle of rotation: | 90° |
| Control stem adjustment wrench: | 9 mm |
| Sweat connections: | 1/2"– 1" |

**Insulation**

| | |
|---|---|
| Material: | closed cell expanded PE-X |
| Thickness: | 25/64 inch (10 mm) |
| Density: | - inner part: 1.9 lb/ft³ (30 kg/m³)<br>- outer part: 3.1 lb/ft³ (50 kg/m³) |
| Thermal conductivity (DIN 52612): | |
| | - at 32°F (0°C): 0.263 BTU·in/hr·ft²·°F (0.038 W/(m·K)) |
| | - at 104°F (40°C): 0.312 BTU·in/hr·ft²·°F (0.045 W/(m·K)) |
| Coefficient of resistance to water vapor (DIN 52615): | > 1,300 |
| Working temperature range: | 32 - 212°F (0–100°C) |
| Reaction to fire (DIN 4102): | class B2 |

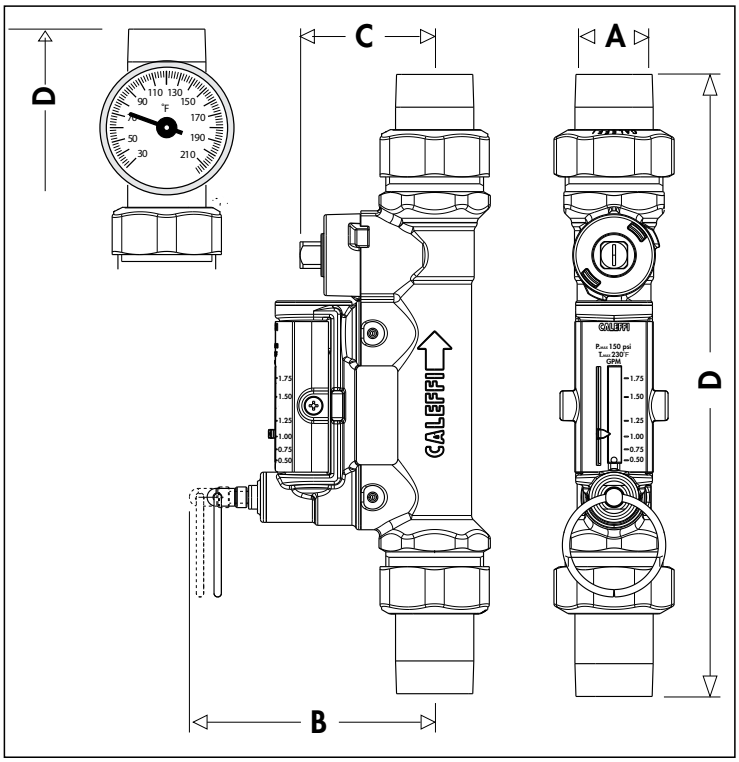
### Flow rate ranges

| Code | Connection | Flow rate (gpm) | Cv |
|---|---|---|---|
| **132**439AFC | 1/2" sweat | 0.5 - 1.75 | 6.3 |
| **132**539AFC | 3/4" sweat | 0.5 - 1.75 | 6.3 |
| **132**639AFC | 1" sweat | 0.5 - 1.75 | 6.3 |
| **132**739AFC | 1/2" sweat | 2.0 - 7.0 | 6.3 |
| **132**839AFC | 3/4" sweat | 2.0 - 7.0 | 6.3 |
| **132**939AFC | 1" sweat | 2.0 - 7.0 | 6.3 |

With temperature gauge:

| Code | Connection | Flow rate (gpm) | Cv |
|---|---|---|---|
| **132**438AFC | 1/2" sweat | 0.5 - 1.75 | 6.3 |
| **132**538AFC | 3/4" sweat | 0.5 - 1.75 | 6.3 |
| **132**638AFC | 1" sweat | 0.5 - 1.75 | 6.3 |
| **132**738AFC | 1/2" sweat | 2.0 - 7.0 | 6.3 |
| **132**838AFC | 3/4" sweat | 2.0 - 7.0 | 6.3 |
| **132**938AFC | 1" sweat | 2.0 - 7.0 | 6.3 |

**Dimensions**




| Code | A | B | C | D | Wt (lb) |
|---|---|---|---|---|---|
| 132439AFC | 1/2" | 3 5/16" | 1 13/16" | 8 3/8" | 2.0 |
| 132539AFC | 3/4" | 3 5/16" | 1 13/16" | 8 7/16" | 1.8 |
| 132639AFC | 1" | 3 3/8" | 1 7/8" | 8 9/16" | 2.4 |
| 132459AFC | 1/2" | 3 5/16" | 1 13/16" | 8 3/8" | 2.0 |
| 132559AFC | 3/4" | 3 5/16" | 1 13/16" | 8 7/16" | 1.8 |
| 132659AFC | 1" | 3 3/8" | 1 7/8" | 8 9/16" | 2.4 |

With temperature gauge:

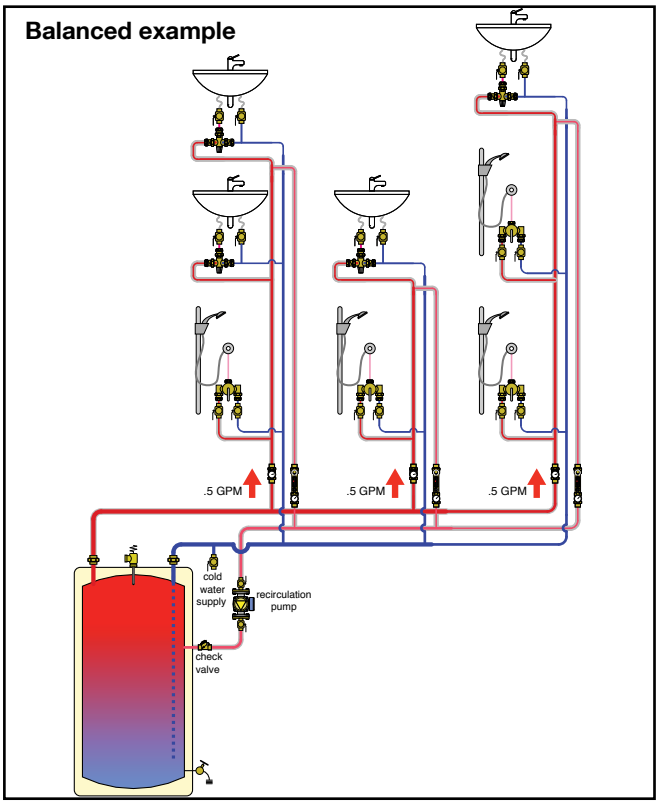
| Code | A | B | C | D | Wt (lb) |
|---|---|---|---|---|---|
| 132438AFC | 1/2" | 3 5/16" | 1 13/16" | 9 11/16" | 2.4 |
| 132538AFC | 3/4" | 3 5/16" | 1 13/16" | 9 13/16" | 2.2 |
| 132638AFC | 1" | 3 3/8" | 1 7/8" | 10 1/8" | 2.8 |
| 132458AFC | 1/2" | 3 5/16" | 1 13/16" | 9 11/16" | 2.4 |
| 132558AFC | 3/4" | 3 5/16" | 1 13/16" | 9 13/16" | 2.2 |
| 132658AFC | 1" | 3 3/8" | 1 7/8" | 10 1/8" | 2.8 |

**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 gpm while viewing the built-in sight gauge, and releases the pin. Easy, accurate balancing in seconds. No instruments or reference graphs needed.

**Balanced example**




**Unbalanced example**