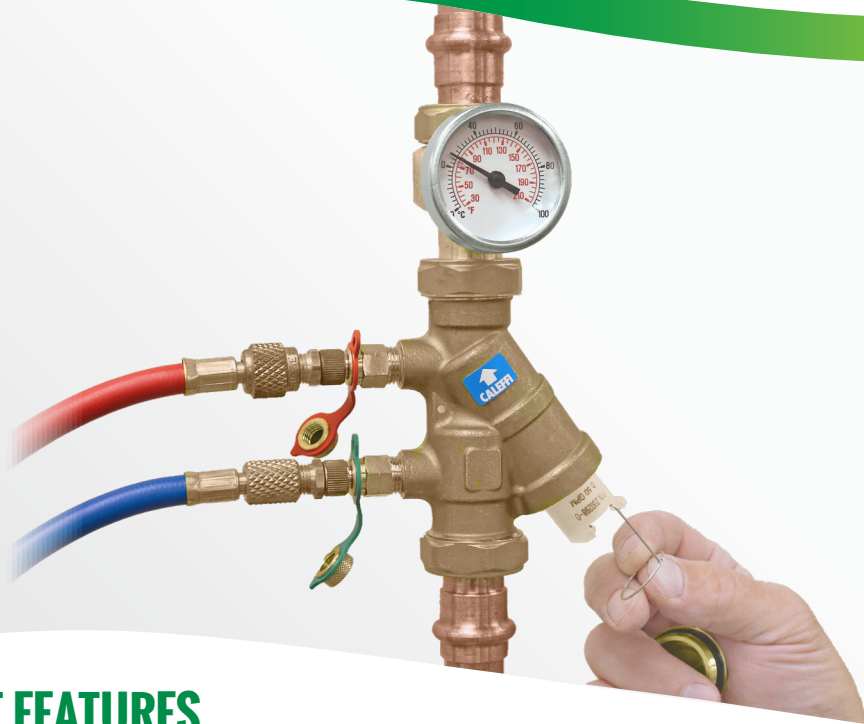




FlowCal+™

Y-BODY DYNAMIC BALANCING VALVES
128 SERIES

CALEFFI
Hydronic Solutions



PRODUCT FEATURES

- **Dynamic hot water recirculation balancing:**
When installed in a domestic hot water or hydronic circuit, the valve automatically adjusts to maintain specified flow rates.
- **Quiet operation:**
The patented anti-scale, low noise polymer FlowCal™ cartridge provides quiet specified flow with **no** field balancing or adjustment requirements and is conveniently replaceable.
- **Commissioning and service simplicity:**
Pressure ports accommodate simple verification of working operation. Self-contained flow cartridge is easily removed from Y-body for inspection, service, upgrade and flushing.
- **Multi-functional:**
Integral inlet check valve protects against circuit thermosiphoning. Optional outlet temperature gauge offers local indication.
- **Selectable flow rates:**
Factory assembled with patented cartridge ranging from 0.35 GPM to 10 GPM flow capacity for pipe sizes ½", ¾" or 1".
- **Union connections:**
Dual union end connections with a choice of NPT, Sweat, Press or PEX fittings for ease of installation and maintenance.

High value balancing

The low lead FlowCal+™ dynamic balancing valve maintains constant flow rates in domestic hot water recirculation and hydronic circuits regardless of pressure fluctuations within the piping system. The patented cartridge is made of a scale-resistant, low-noise polymer which can be removed for system flushing, service or change-out for a different flow rate. Multiple choices of union end connection types make installation flexible and easy. Multi-functional with PT ports, integrated check valve and optional temperature gauge, the Y-body FlowCal+ valve provides quiet operation, ease of commissioning, and simple serviceability.

PRODUCT RANGE - FlowCal+™ Y-body Dynamic Balancing Valves



| UNION CONNECTION STYLE | OUTLET TEMP GUAGE | CODE | | |
|-------------------------------|----------------------|---------------|---------------|---------------|
| | | ½ inch | ¾ inch | 1 inch |
| SWEAT | √ | 128449AFC *** | 128459AFC *** | 128469AFC *** |
| | | 128448AFC *** | 128458AFC *** | 128468AFC *** |
| NPT Male | √ | 128441AFC *** | 128451AFC *** | 128461AFC *** |
| | | 128440AFC *** | 128450AFC *** | 128460AFC *** |
| PRESS | √ | 128446AFC *** | 128456AFC *** | 128466AFC *** |
| | | 128447AFC *** | 128457AFC *** | 128467AFC *** |
| PEX Crimp (ASTM F1807) | √ | 128444AFC *** | 128454AFC *** | 128464AFC *** |
| | | 128445AFC *** | 128455AFC *** | 128465AFC *** |
| PEX Expansion (ASTM F1960) | √ | 128442AFC *** | 128452AFC *** | 128462AFC *** |
| | | 128443AFC *** | 128453AFC *** | 128463AFC *** |

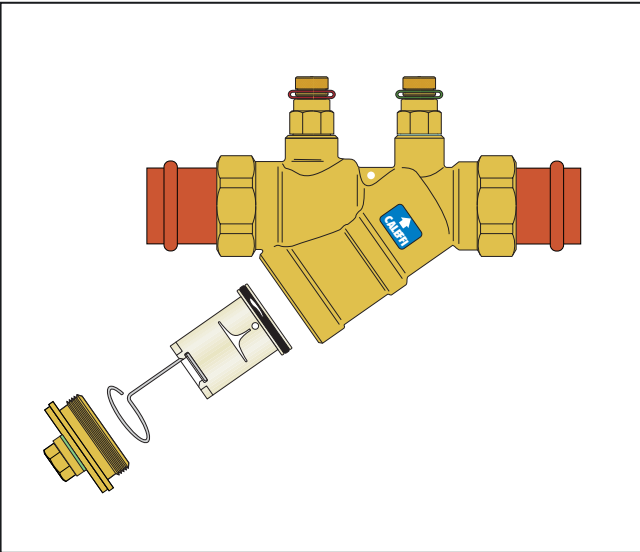
***SELECT DESIRED FLOW RATE IN TABLE TO RIGHT TO COMPLETE PART NUMBER. NO RESTRICTIONS.

| GPM | Last 3 digits | Δp control range (psid) |
|------|---------------|----------------------------|
| 0.35 | G35 | 2-14 |
| 0.5 | G50 | |
| 0.75 | G75 | |
| 1 | 1G0 | 2-32 |
| 1.5 | 1G5 | |
| 2 | 2G0 | |
| 2.5 | 2G5 | |
| 3 | 3G0 | |
| 3.5 | 3G5 | |
| 4 | 4G0 | |
| 4.5 | 4G5 | 4-34 |
| 5 | 5G0 | |
| 6 | 6G0 | |
| 7 | 7G0 | |
| 8 | 8G0 | 5-35 |
| 9 | 9G0 | |
| 10 | 10G | |

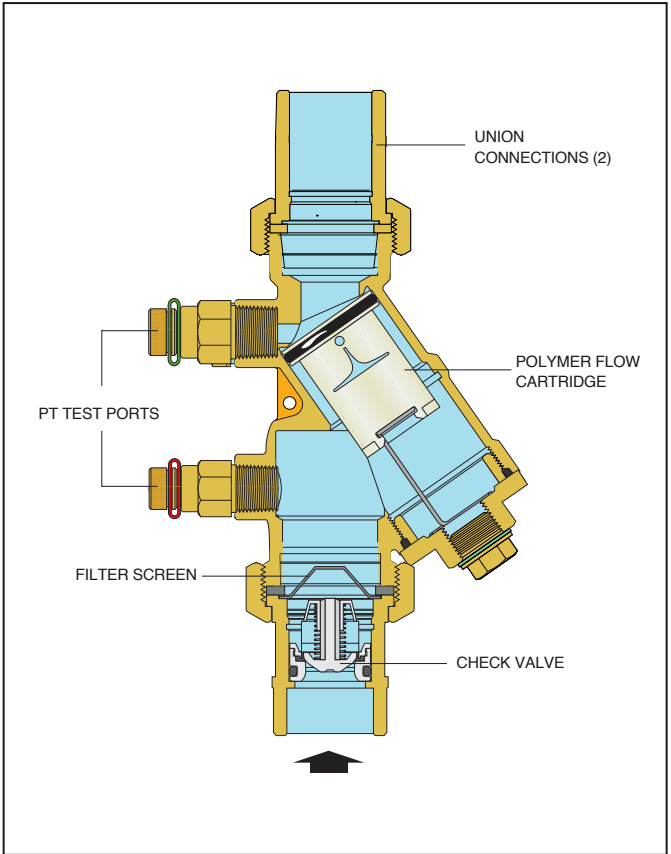
PERFORMANCE

| | |
|-----------------------|---------------------------|
| BODY | DZR Low Lead brass |
| MAX. WORKING PRESSURE | 400 psi (28 bar) |
| WORKING TEMPERATURE | 32° – 212 °F (0° – 100°C) |
| FLOW CARTRIDGE RANGE | 0.35 to 10 GPM |

CARTRIDGE REMOVAL



SECTION VIEW (without temp gauge option)



03664-24 NA | Caleffi23-014

Caleffi Partner:

WE RESERVE THE RIGHT TO CHANGE OUR PRODUCTS AND THEIR RELEVANT TECHNICAL DATA, CONTAINED IN THIS PUBLICATION, AT ANY TIME AND WITHOUT PRIOR NOTICE.

ONLINE

CATALOG



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