PRODUCT FEATURES

- **Pre-adjustment knob:**
  15 to 90 psi adjustment range with convenient psi setting visible from front and back. Includes tamper-proof locking screw.

- **Removable self-contained cartridge with stainless steel mesh filter:**
  Maximum debris protection and convenient in-pipe maintenance and servicing.

- **Conical seat and shuttle design:**
  Together with large cross-section flow chamber, minimizes pressure drop within valve. Results in superior falloff performance compared to competitors and quiet operation.

- **Contour-shaped peroxide-cured diaphragm:**
  Enables accurate pressure regulation under frequent and sudden pressure fluctuations, a common cause of premature valve wear.

- **Precision engineering:**
  Tight manufacturing tolerances creates very uniform 360° flow past conical seat. Prevents wire draw erosion during low flow conditions, a common cause of upward system pressure creep during no-demand periods.

- **Hot water boost system compatible:**
  NSF 61 rated to 180°F (commercial hot). Scale resistant internal parts to prevent flow inconsistencies. Certified to ASSE 1003, CSA B356 and NSF 372. Plenum rated: compliant with the requirements of Standard UL 2043.

**High flow and quiet pressure control**

The Caleffi PresCal™ 535H pressure reducing valve is precision engineered to deliver accurate pressure regulation under varying pressure and draw conditions. Low internal pressure losses produce superior falloff performance enabling more flow capacity to fixtures. NSF 61 certification, superior 180°F temperature rating, anti-scale components and convenient cartridge design add to the many features of this versatile and dependable PRV.
**PRODUCT RANGE - Pressure reducing valves, 535H series**

**APPLICATION DIAGRAM**

**PERFORMANCE**

- **MAX. WORKING PRESSURE**: 300 psi (20 bar)
- **SETTING PRESSURE RANGE**: 15 – 90 psi (1-6 bar)
- **FACTORY SETTING**: 45 psi (3 bar)
- **MAX. WORKING TEMPERATURE**: 180°F (80°C)

**CONSTRUCTION**

- TAMPER-PROOF LOCKING SCREW
- CONTOUR SHAPED DIAPHRAGM
- LARGE FLOW CHAMBER
- UNIFORM FLOW OPENING
- OPTIONAL DUAL SCALE PRESSURE GAUGE
- PSI SETTING (FRONT & BACK)

**TABLE**

<table>
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<th>OUTLET TEMP GAUGE</th>
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* Complies with ASTM F 1807.
** Complies with ASTM F 1960.