

PresCal™

PRE-ADJUSTABLE PRESSURE REDUCING VALVES
535H SERIES

CALEFFI Hydronic Solutions



High flow and quiet pressure control

The PresCal™ 535H Series pressure reducing valves are constructed of low lead brass and low friction moving parts that stand up to hard water and scale for maximum durability. PresCal features a service-friendly removable cartridge with integral stainless steel mesh strainer that makes maintenance fast and easy. CALEFFI GUARANTEED. Complies with standards ASSE 1003, CSA B356, NSF/ANSI/CAN 61, NSF/ANSI/CAN 372 and with codes IPC, IRC, UPC. Certified listed by ICC-ES. Plenum rated: compliant with the requirements of standard UL 2043.

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 with convenient in-pipe maintenance and servicing.
- **Conical seat and shuttle design:**
  Large cross-sectional flow chamber design minimizes pressure drop within valve resulting in superior fall-off performance and quiet operation.
- **Contour-shaped peroxide-cured diaphragm:**
  Accurate pressure regulation under frequent and sudden pressure fluctuations, a common cause of valve wear. Peroxide-cured EPDM elastomers for durability against chlorine and chloramine, ensuring an extended lifespan.
- **Precision engineering:**
  Precise manufacturing tolerances result in a uniform 360 deg flow around the conical seat. Prevents wire draw erosion during low flow conditions, a common cause of upward system pressure creep during no-demand periods.
- **Hot water booster system compatible:**
  NSF/ANSI/CAN 61 rated to 180 °F (commercial hot). Scale resistant internal parts to prevent flow inconsistencies. Plenum rated: compliant with Standard UL 2043, without cover.

PRODUCT RANGE - PresCal™ 535H Series







SIZES	PRESSURE GAUGE	CODE				
		SWEAT	PRESS	NPT FEMALE	PEX CRIMP*	PEX EXPANSION**
½"		**535**940HA	**535**640HA	**535**340HA	—	—
	√	**535**941HA	**535**641HA	**535**341HA	—	—
¾"		**535**950HA	**535**650HA	**535**350HA	**535**750HA	**535**550HA
	√	**535**951HA	**535**651HA	**535**351HA	**535**751HA	**535**551HA
1"		**535**960HA	**535**660HA	**535**360HA	**535**760HA	**535**560HA
	√	**535**961HA	**535**661HA	**535**361HA	**535**761HA	**535**561HA
1¼"		**535**970HA	**535**670HA	**535**370HA	—	—
	√	**535**971HA	**535**671HA	**535**371HA	—	—
1½"		**535**980HA	**535**680HA	**535**380HA	—	—
	√	**535**981HA	**535**681HA	**535**381HA	—	—
2"		**535**990HA	**535**690HA	**535**390HA	—	—
	√	**535**991HA	**535**691HA	**535**391HA	—	—

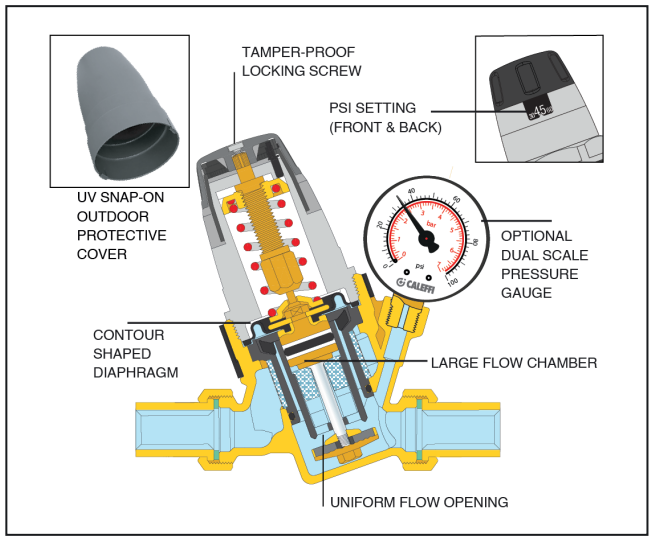
ICC ES c PMG LOW LEAD

COMPLIES WITH ASSE 1003/CSA B356, NSF/ANSI/CAN 61 & NSF/ANSI/CAN 372
*COMPLIES WITH ASTM F1807
**COMPLIES WITH ASTM F1960
ALL CONFIGURATIONS INCLUDE AN UV SNAP-ON OUTDOOR PROTECTIVE COVER FOR OUTDOOR INSTALLATION WITH AMBIENT TEMPERATURES ABOVE FREEZING.

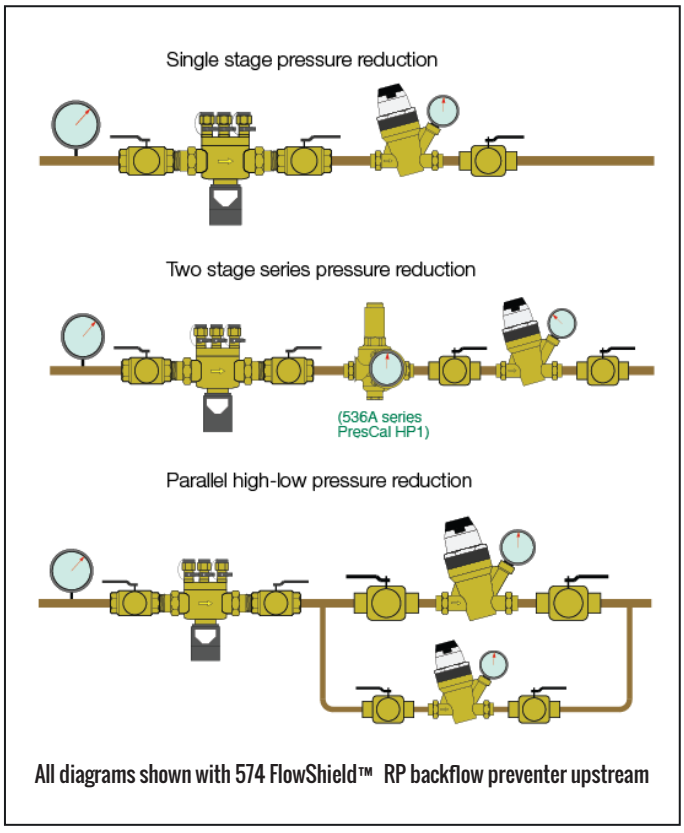
PERFORMANCE

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



APPLICATION DIAGRAM



All diagrams shown with 574 FlowShield™ RP backflow preventer upstream

03578-26 NA | Caleffi26-008

Caleffi Partner:

INNOVATIVE PLUMBING AND HYRDRONIC SOLUTIONS
BUILT ON GEREATIONS OF TRUST

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

CALEFFI Hydronic Solutions

Caleffi North America, Inc.
sales@caleffi.com · www.caleffi.com
© Copyright 2026 Caleffi North America, Inc.