



## PresCal™

PRE-ADJUSTABLE PRESSURE REDUCING VALVES  
535H SERIES

**CALEFFI**  
Hydronic Solutions



## 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.

### 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 RANGE - PresCal™ Pressure Reducing Valves, 535H Series



SIZES	INLET CHECK VALVES	CODE				
		SWEAT	PRESS	NPT FEMALE	PEX Crimp	PEX Expansion**
1/2"		535340HA	535940HA	—	—	—
	√	535341HA	535941HA	—	—	—
3/4"		535350HA	535950HA	535650HA	535750HA	535550HA
	√	535351HA	535951HA	535651HA	535751HA	535551HA
1"		535360HA	535960HA	535660HA	535760HA	535560HA
	√	535361HA	535961HA	535661HA	535761HA	535561HA
1 1/4"		535370HA	535970HA	535670HA	—	—
	√	535371HA	535971HA	535671HA	—	—
1 1/2"		535380HA	535980HA	535680HA	—	—
	√	535301HA	535981HA	535681HA	—	—
2"		535390HA	535990HA	535690HA	—	—
	√	535391HA	535991HA	535691HA	—	—



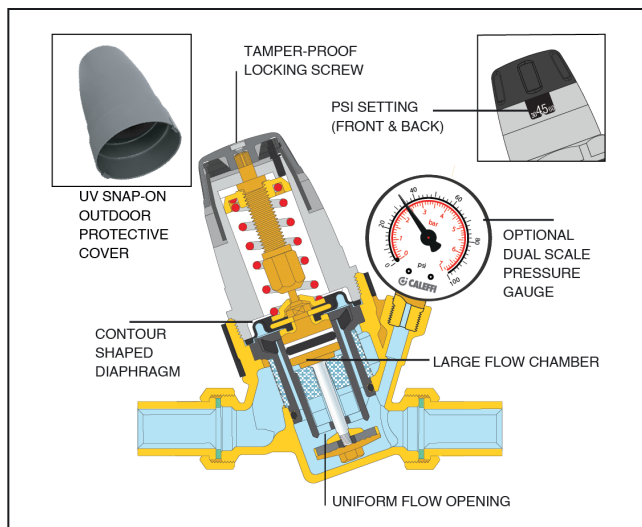
\* COMPLIES WITH ASTM F 1807.  
 \*\* COMPLIES WITH ASTM F 1960.

ALL CONFIGURATIONS INCLUDE AN UV SNAP-ON OUTDOOR PROTECTIVE COVER FOR OUTDOOR INSTALLATION WITH AMBIENT TEMPERATURES ABOVE FREEZING.

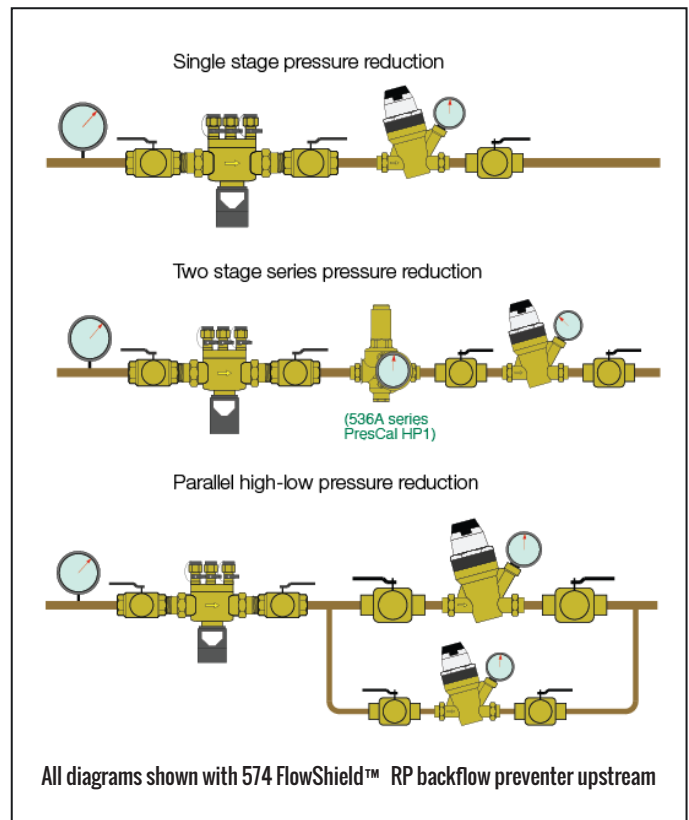
## PERFORMANCE

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



03578-24 NA | Caleffi17-064

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.



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