



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**
1/2"		535940HA	535640HA	535340HA	—	—
	✓	535941HA	535641HA	535341HA	—	—
3/4"		535950HA	535650HA	535350HA	535750HA	535550HA
	✓	535951HA	535651HA	535351HA	535751HA	535551HA
1"		535960HA	535660HA	535360HA	535760HA	535560HA
	✓	535961HA	535661HA	535361HA	535761HA	535561HA
1 1/4"		535970HA	535670HA	535370HA	—	—
	✓	535971HA	535671HA	535371HA	—	—
1 1/2"		535980HA	535680HA	535380HA	—	—
	✓	535981HA	535681HA	535381HA	—	—
2"		535990HA	535690HA	535390HA	—	—
	✓	535991HA	535691HA	535391HA	—	—



COMPLIES WITH ASSE 1003/CSA B356, NSF/ANSI/CAN 61 & NSF/ANSI/CAN 372

*COMPLIES WITH ASTM F1807

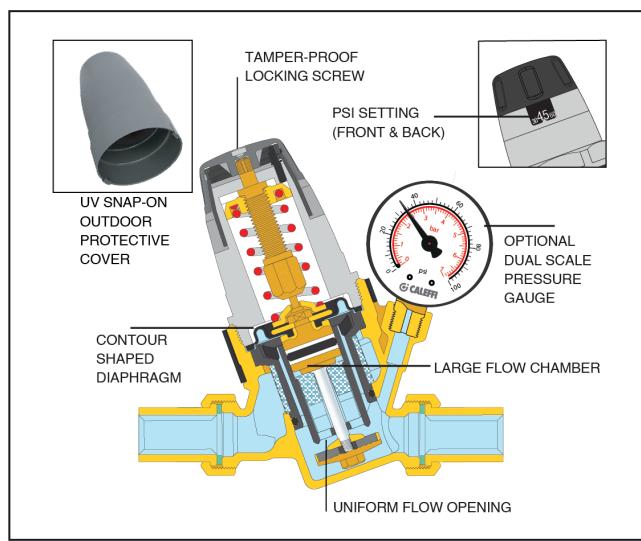
**COMPLIES WITH ASTM F1960

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

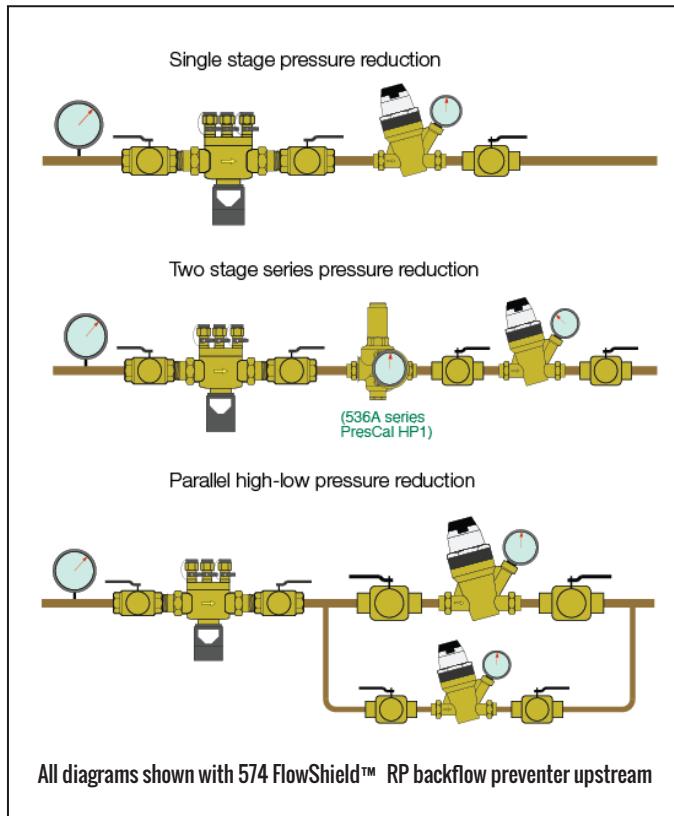
PERFORMANCE

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



03578-26 NA | Caleffi26-008

Caleffi Partner:

**INNOVATIVE PLUMBING AND HYDRONIC SOLUTIONS
BUILT ON GENERATIONS 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

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