



PresCal™

PRE-ADJUSTABLE PRESSURE REDUCING VALVES

CALEFFI

Hydronic Solutions



Plumbing

Protecting the system to protect your water



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. Peroxide-cured EPDM elastomers for chlorine and chloramine resistance and long life.
- 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/ANSI/CAN 61 rated to 180°F (commercial hot). Scale resistant internal parts to prevent flow inconsistencies. Certified to ASSE 1003, CSA B356 and NSF/ANSI 372. Plenum rated: compliant with Standard UL 2043, without cover.

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/ANSI/CAN 61 compliance, superior 180°F temperature rating, anti-scale components and convenient cartridge design add to the many features of this versatile and dependable PRV. UV Outdoor protective cover included for non-freezing outdoor installations.

PRODUCT RANGE - Pressure reducing valves, 535H series



ICC
ES
c PMG
LOW LEAD
NSF/ANSI/CAN 61

SIZES	OUTLET PRESSURE GAUGE	CODE				
		FNPT	SWEAT	PRESS	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	---	---
	√	535381HA	535981HA	535681HA	---	---
2"	--	535390HA	535990HA	535690HA	---	---
	√	535391HA	535991HA	535691HA	---	---

* Complies with ASTM F 1807.

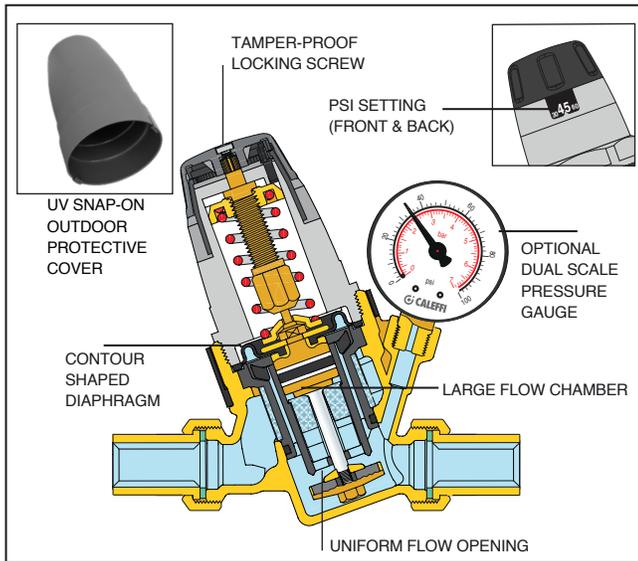
**Complies with ASTM F 1960.

All configurations include an UV snap-on outdoor protective cover for outdoor installation with ambient temperatures above freezing.

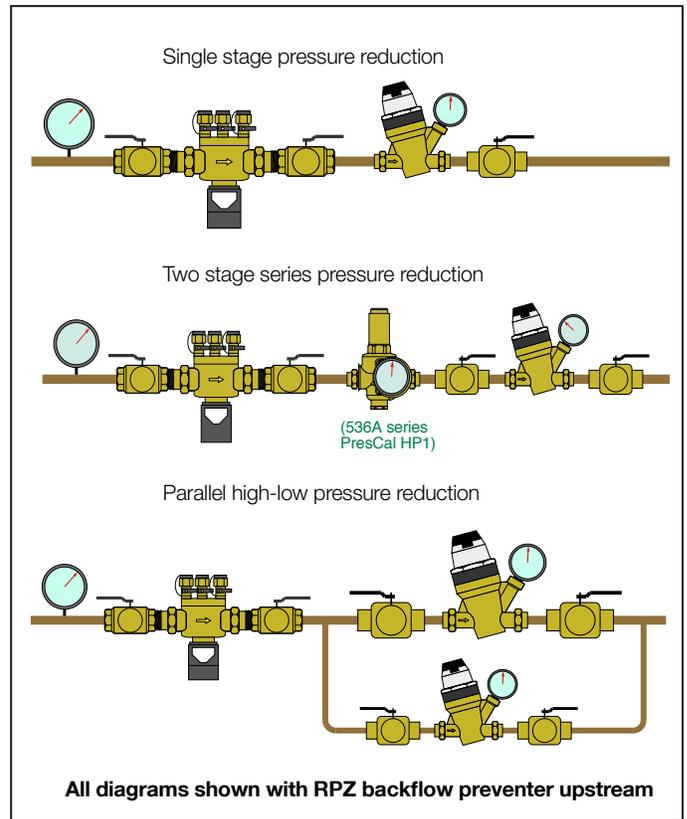
PERFORMANCE

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



Caleffi Partner:



03578-21 NA

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

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