



PresCal™ HP

HEAVY DUTY PISTON-TYPE PRESSURE REDUCING VALVES
536 SERIES

CALEFFI
Hydronic Solutions



PRODUCT FEATURES

■ **Unique piston design for high pressure reduction:**

Heavy duty piston/cylinder design is perfect for reducing extreme high supply pressures in two-stage reduction applications.

■ **Precision engineering:**

Heavy duty piston design withstands punishing water hammer better than diaphragm designs, for long life under severe conditions.

■ **Pressure compensating:**

Ensures stable controlled outlet pressure despite upstream system pressure fluctuations.

■ **All metal construction:**

Can be mounted outdoors in mild climates, perfect for irrigation applications.

■ **Removable self-contained cartridge with stainless steel mesh filter:**

Maximum debris protection and convenient in-pipe maintenance and servicing.

■ **Flexible and easy installation:**

Vertical or horizontal installation. Dual gauge ports with included high quality pressure gauge for left-to-right or right-to-left flow orientation. Double unions simplify installation and removal for cleaning/maintenance.

Pressure control for high rise buildings and staged pressure applications

True piston operation ensures stable, high precision pressure control while withstanding potentially severe inlet pressure fluctuations and downstream water hammer. Furnished with a high quality pressure gauge and double union connections for installation flexibility. The internal cartridge is easy to remove for inline maintenance. Can be mounted outdoors in mild climates and is perfect for irrigation pressure control.

PRODUCT RANGE - PresCal™ 536 Series

SIZES	PRESSURE RANGE	MAX. UP-STREAM PRESSURE (PSI/Bar)*	SETTING PRESSURE RANGE PSI (Bar)	CODE		
				NPT	SWEAT	PRESS
½"	High	360 / 25	90 – 150 (6 – 10)	536043A 103	536043A 109	---
	Low	300 / 20	10 – 90 (0.7 – 6)	536044A 103	536044A 109	---
¾"	High	360 / 25	90 – 150 (6 – 10)	536053A 103	536053A 109	536053A 106
	Low	300 / 20	10 – 90 (0.7 – 6)	536054A 103	536054A 109	536054A 106
1"	High	360 / 25	90 – 150 (6 – 10)	536063A 103	536063A 109	536063A 106
	Low	300 / 20	10 – 90 (0.7 – 6)	536064A 103	536064A 109	536064A 106
1¼"	High	360 / 25	90 – 150 (6 – 10)	536073A 103	536073A 109	536073A 106
	Low	300 / 20	10 – 90 (0.7 – 6)	536074A 103	536074A 109	536074A 106
1½"	High	360 / 25	90 – 150 (6 – 10)	536083A 103	536083A 109	536083A 106
	Low	300 / 20	10 – 90 (0.7 – 6)	536084A 103	536084A 109	536084A 106
2"	High	360 / 25	90 – 150 (6 – 10)	536093A 103	536093A 109	536093A 106
	Low	300 / 20	10 – 90 (0.7 – 6)	---	---	---



High Range
536043A 103



Low Range
536044A 109

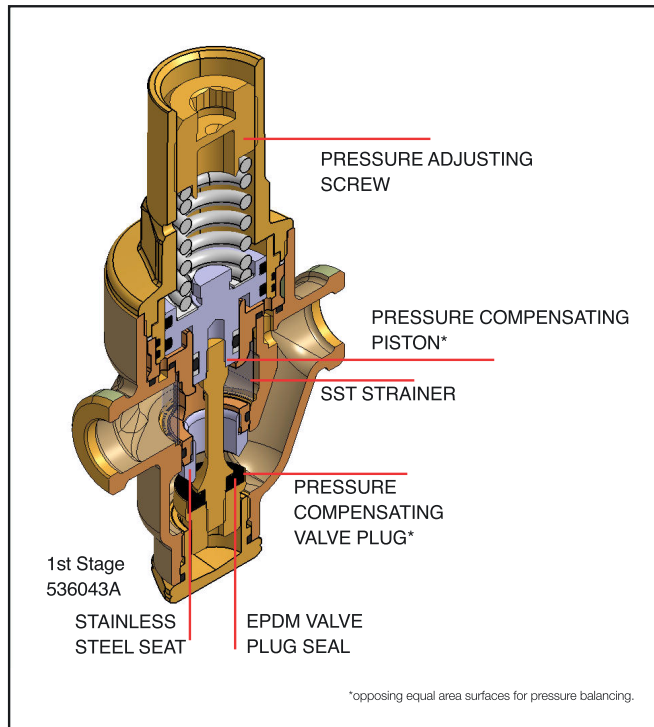
*Press models 200 psi (13 bar) maximum.
Low range 536A models comply with ASSE 1003.

Complies with NSF/ANSI 372, Drinking Water System Components-Lead Content Reduction of Lead in Drinking Water Act, California Health and Safety Code 116875 S.3874, Reduction in Drinking Water Act, Vermont Act 193 - The Lead in Plumbing Supplies Law and Maryland's Lead Free Law HB.372, as certified by ICC-ES, file PMG-1360.

NSF/ANSI 372
NSF/ANSI/CAN 61



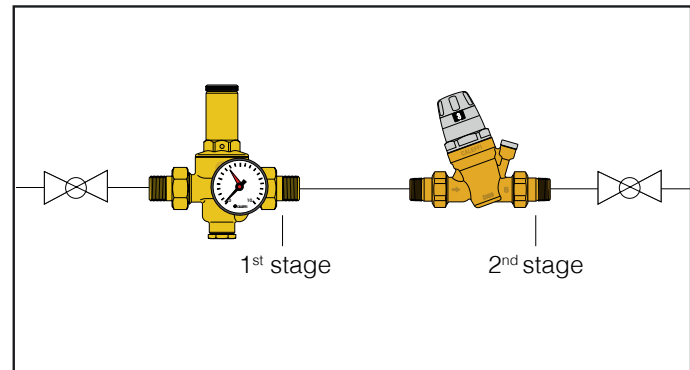
SECTION VIEW



PERFORMANCE

MAX PRESSURE (High Range)	360 PSI
FACTORY SETTING (High Range)	115 psi (8 bar)
FACTORY SETTING (Low Range)	45 psi (3 bar)
MAX. WORKING TEMPERATURE	180°F (80°C)

APPLICATION DIAGRAM



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.



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