

PresCal™ Compact (dual union) pressure reducing valves

5332 series

Submittal Data 02185-26NA — Issue Date 09/2026



Application

Pressure reducing valves reduce and stabilize incoming water main pressure in domestic systems where supply pressure exceeds operating requirements or local plumbing code limits. The PresCal™ Compact 5332 series features a DZR low-lead forged brass body with a high-flow, noise-reducing seat design. A Posi-stop union embedded O-ring uses a metal -to-metal stop to prevent over-tightening, providing positive feedback and consistent, leak-free performance. It is easily serviced via a replaceable internal cartridge and includes an integral stainless steel mesh filter to capture system sediment and debris. An included tamper-resistant cap replaces the standard cap to conceal the adjustment screw and prevent unauthorized adjustments.

Typical Specification

Furnish and install on the plans and described herein, a Caleffi 5332 series pressure reducing valve as manufactured by Caleffi. Each valve must be designed with a self-contained removable cartridge with stainless steel filter. The valve design must include a DZR low-lead forged brass body, peroxide-cured EPDM diaphragm and seals. Equipped with an adjustable setting screw for manual pressure tuning, the valve comes factory preset to 65 psi. Provided with tamper-resistant cap for optional use. The valve must be ICC-ES certified and listed to ASSE 1003/CSA B356, NSF/ANSI/CAN 61 (180°F/82°C Commercial Hot), NSF/ANSI/CAN 372, low lead laws; and meet codes IPC, IRC, UPC and NPC for use in accordance with the US and Canadian plumbing codes. Each valve shall be Caleffi model 5332 series or approved equal. (See product instructions for specific installation information.)

Certifications



ASSE 1003/CSA B356

NSF/ANSI/CAN 372

NSF/ANSI/CAN 61

Technical specification

Materials

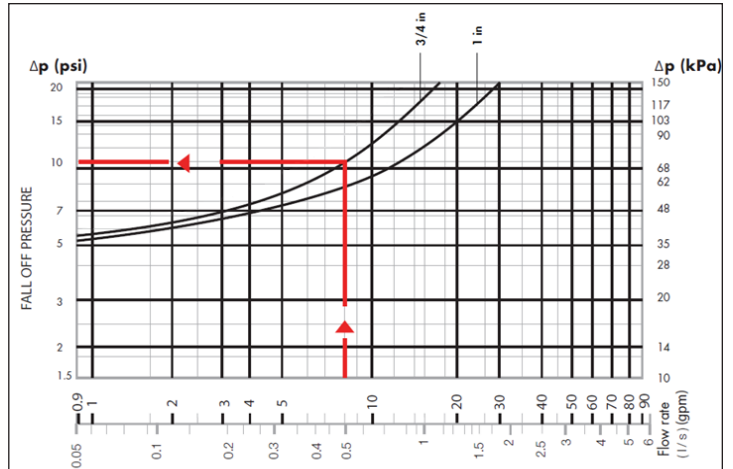
Body: DZR low Lead* brass (EN 12165 CW724R)
 Control stem:
 • DN 20 stainless steel (AISI 303)
 • DN 25 DZR low lead* brass (EN 12165 CW724R)
 Obturator: DZR low lead* brass (EN 12165 CW724R)
 Cartridge housing: reinforced nylon (PPSG40)
 Diaphragm & seals: peroxide-cured EPDM
 Strainer: stainless steel (AISI 304)

*Meets the "lead free" requirements of Section 1417 of the Safe Drinking Water Act (SDWA). This product has a weighted average lead content of less than 0.25% for its wetted surface area in contact with consumable water.

Performance

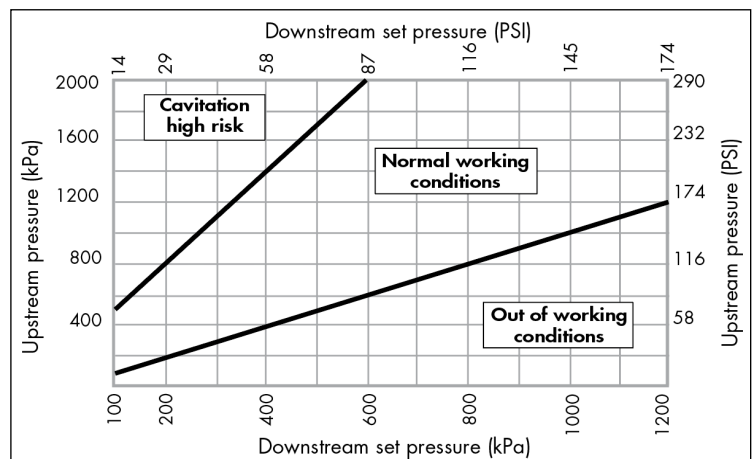
Max. working pressure: 250 psi (1700 kPa)
 Max. water temperature: 180 °F (80 °C)
 Adj. pressure setting range: 15 - 80 psi (100 - 550 kPa)
 Factory pressure setting: 65 psi (450 kPa)
 Strainer size:
 • DN 20: 25 mesh (0.79 mm)
 • DN 25: 35 mesh (0.51 mm)
 Suitable fluids: water

Flow capacity

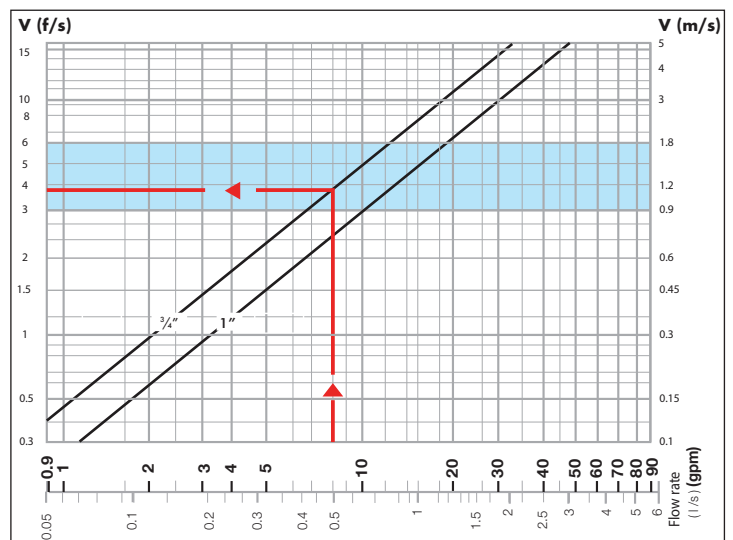


	Design Flow Rate	
Size	DN 20	DN 25
gpm	5.6 to 10	8 to 16
l/s	0.35 to 0.63	0.5 to 1

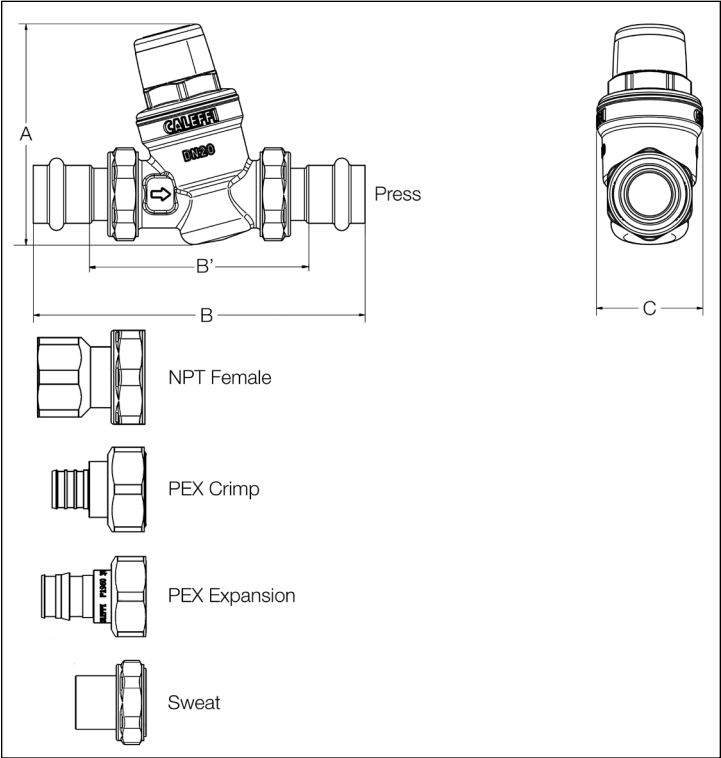
Cavitation diagram



Maximum velocity for sizing



Dimensions



Model	Connection		Dimensions				Weight (lbs)	
	Size	Connection	A	B	B'	C	Net	Gross
533253HA	3/4"	NPT Female	3 3/4"	5 1/2"		1 13/16"	1.31	1.38
533256HA	3/4"	Press	3 3/4"	5 5/16"	3 13/16"	1 13/16"	1.18	1.25
533257HA	3/4"	PEX Crimp	3 3/4"	5 5/16"		1 13/16"	1.17	1.24
533258HA	3/4"	PEX Expansion	3 3/4"	6"		1 13/16"	1.23	1.30
533259HA	3/4"	Sweat	3 3/4"	4 13/16"	3 5/16"	1 13/16"	1.16	1.23
NA533250HA	DN 20	Body only	3 3/4"	2 7/8"		1 13/16"	0.76	0.83
533263HA	1"	NPT Female	4 3/8"	6 7/16"		2 3/16"	1.73	1.86
533266HA	1"	Press	4 3/8"	6 3/16"	4 5/8"	2 3/16"	1.44	1.57
533267HA	1"	PEX Crimp	4 3/8"	6 5/16"		2 3/16"	1.39	1.52
533268HA	1"	PEX Expansion	4 3/8"	7 3/16"		2 3/16"	1.51	1.64
533269HA	1"	Sweat	4 3/8"	6 1/2"	4 11/16"	2 3/16"	1.55	1.68
NA533260HA	DN 25	Body only	4 3/8"	3 5/16"		2 3/16"	0.95	1.08

We reserve the right to change our products and their relevant technical data, contained in this publication, at any time and without prior notice. Contractors should request production drawings if prefabricating the system

Job name	_____	Size	_____
Job location	_____	Quantity	_____
Engineer	_____	Approval	_____
Mechanical contractor	_____	Service	_____
Contractor's P.O. No.	_____	Tag No.	_____
Representative	_____	Notes	_____