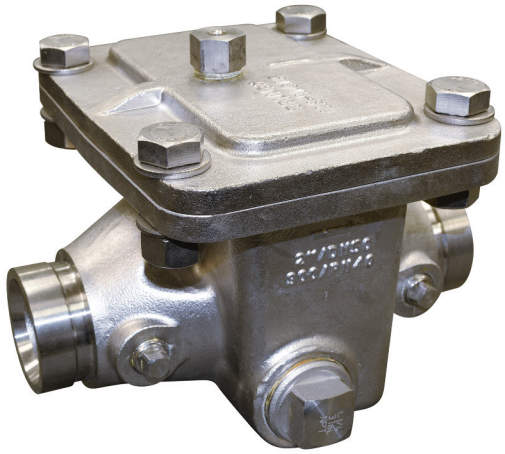
CLA-VAL™

— MODEL — X43H

Stainless Steel H Style Strainer



- **Low Pressure Drop**
- **316 Stainless Steel Construction**
- **Large Flow Area H-Style Design**
- **Service Without Removal From Line**

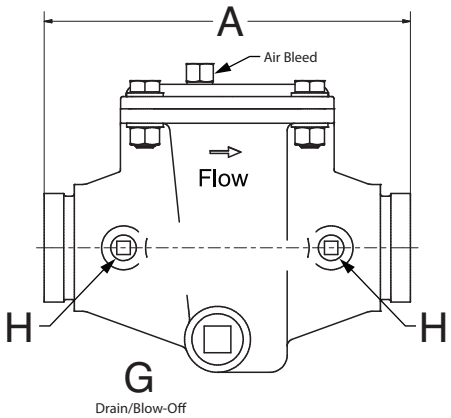
The Cla-Val Model X43H Strainer offers an effective means of removing unwanted solid particles in pipeline flow. These strainers are ideal for preventing fouling, debris and particle buildup in Cla-Val Automatic Control Valves. The large flow area design, with a flat stainless steel strainer mesh perpendicular to flow, is optimized for low pressure drop applications.

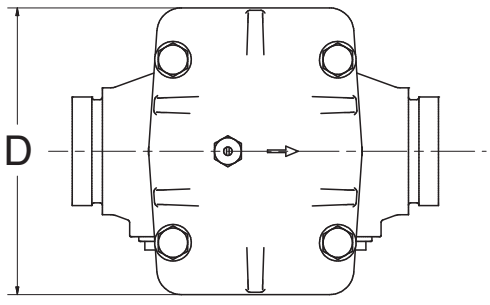
Optional accessories that can be added to the X43H Strainer include the Differential Pressure Switch and the X141DP Differential Pressure Gauge Assembly.

Maintenance is fast and easy with the compact H-pattern, requiring only top cover removal. Though the strainer may be installed in any position, installation with the cover up is recommended.

Specifications

Sizes (Inches): 1½, 2, 2½, 3, 4, 6
Sizes (mm): 40, 50, 65, 80, 100, 150
Ends: Grooved, ANSI Class 300
Max Pressure Rating: 300# - 400 psi
Temperature: Maximum 175°F
Materials:
- **Body & Cover:** 316 Stainless Steel
- **Cover Seal:** Buna-N® Synthetic Rubber
- **Strainer:** 316 Stainless Steel
- **Strainer Mesh Sizes:** Standard 10 mesh / 2000 Micron / Openings 0.078 inch • Optional .039 and .059 inch openings available
- **Drain/Blow-Off:** Connection furnished with Standard Stainless Steel Plug
- **Cover Fasteners:** Stainless Steel



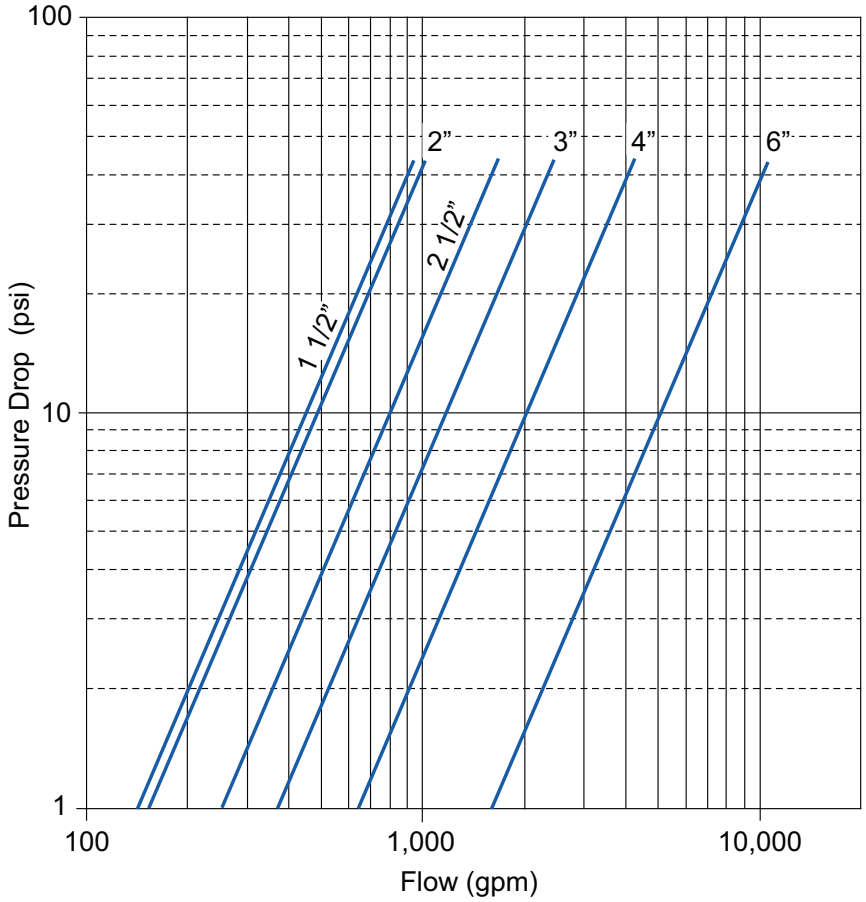


Dimensions

Strainer Size (inches)	1 ½	2	2 ½	3	4	6
A Grooved End	9.06	9.06	9.06	11.81	11.81	15.75
D	7.87	7.87	7.87	9.25	9.25	14.96
H Inlet/Outlet Plugs	½	½	½	½	½	½
G Drain/Blow-off Plug	1¼	1¼	1¼	1¼	1¼	1¼

Strainer Size (mm)	40	50	65	80	100	150
A Grooved End	230	230	230	300	300	400
D	200	200	200	235	235	380
H Inlet/Outlet Plugs	½	½	½	½	½	½
G Drain/Blow-off Plug	1¼	1¼	1¼	1¼	1¼	1¼

Model X43H Flow Chart

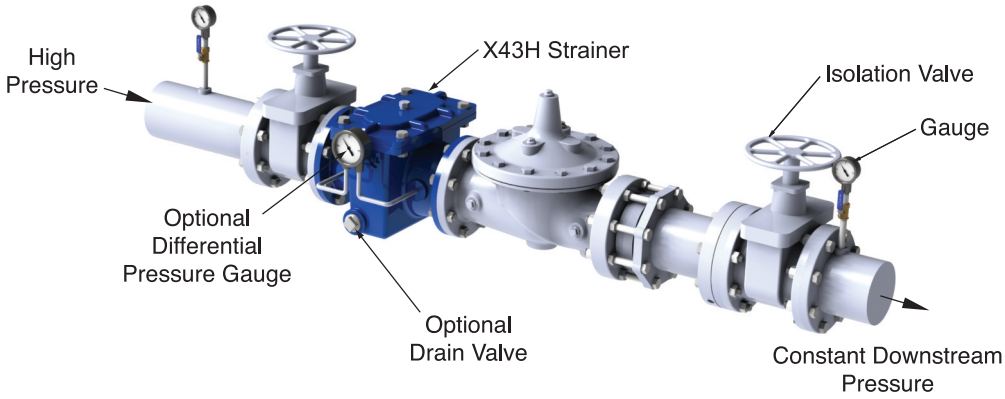


C_V Factor

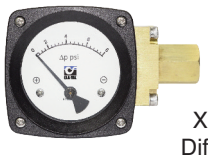
Size (inches)	1 ½	2	2 ½	3	4	6
Size (millimeters)	40	50	65	80	100	150
C_V (Gal/Min. - gpm.)	96	150	254	367	654	1644
C_V (Litres/Sec - l/s.)	23	36	61	85	157	395

C_V in gpm = gpm @ 1psid head loss • C_V in l/s = l/s @ 1bar head loss

Model X43H Strainer Typical Application



Strainer Options



X141DP Differential Pressure Gauge

Differential Pressure Switch

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