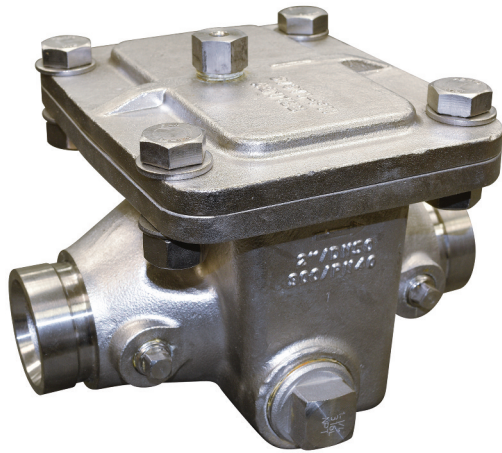




— MODEL — **X43H**

# Stainless Steel H Style Strainer



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

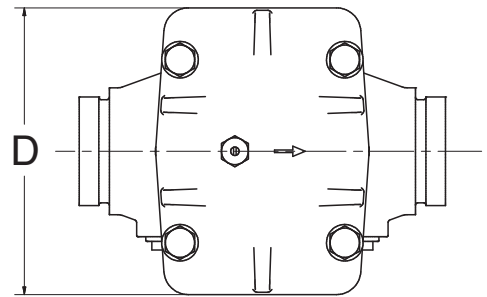
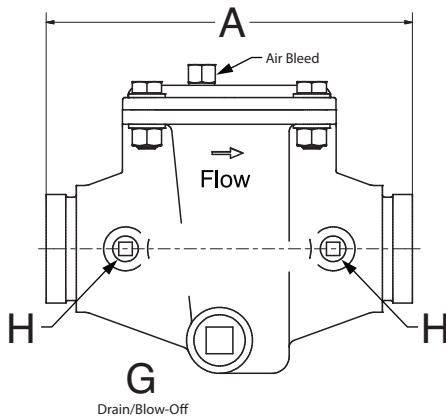
The Cla-Val Model X43H Strainer offers an effective means of removing unwanted solid particles in pipeline flow. These strainers are ideal for preventing fouling, debris and particle buildup in Cla-Val Automatic Control Valves. The large flow area design, with a flat stainless steel strainer mesh perpendicular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

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

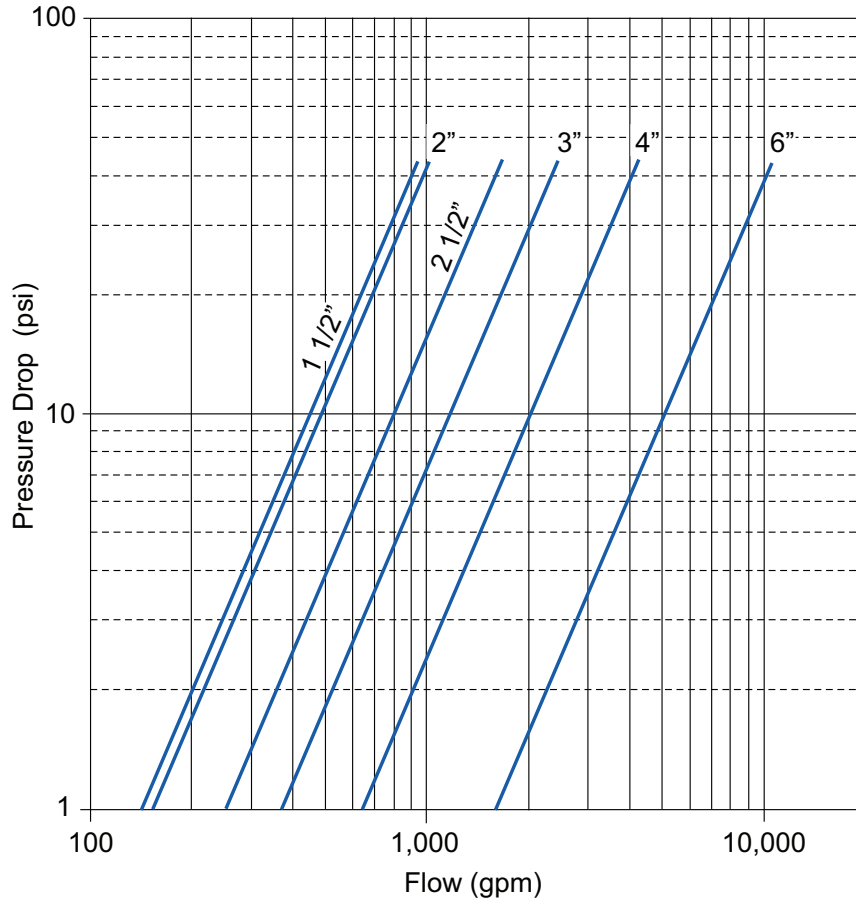


## Dimensions

Strainer Size (inches)	1 ½	2	2 ½	3	4	6
<b>A Grooved End</b>	9.06	9.06	9.06	11.81	11.81	15.75
<b>D</b>	7.87	7.87	7.87	9.25	9.25	14.96
<b>H Inlet/Outlet Plugs</b>	½	½	½	½	½	½
<b>G Drain/Blow-off Plug</b>	¼	¼	¼	¼	¼	¼

Strainer Size (mm)	40	50	65	80	100	150
<b>A Grooved End</b>	230	230	230	300	300	400
<b>D</b>	200	200	200	235	235	380
<b>H Inlet/Outlet Plugs</b>	½	½	½	½	½	½
<b>G Drain/Blow-off Plug</b>	¼	¼	¼	¼	¼	¼

## Model X43H Flow Chart

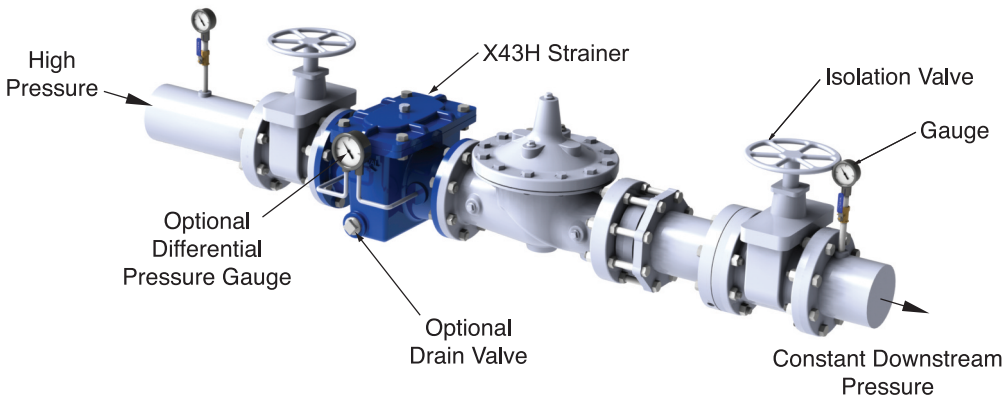


### C<sub>v</sub> Factor

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

C<sub>v</sub> in gpm = gpm @ 1psid head loss • C<sub>v</sub> in l/s = l/s @ 1bar head loss

## Model X43H Strainer Typical Application



## Strainer Options

