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. Maintenance is fast and easy with the compact design, with a flat stainless steel strainer mesh perpendicular to flow, is optimized for low pressure drop applications. The strainer may be installed in any position, installation with the cover up is recommended.

The materials of construction and epoxy coating used in this product meets the intent of the federal NSF-61 lead content mandate.

- Low Pressure Drop
- Ductile Iron Fusion Bonded Epoxy Coated Construction with a 316 Stainless Steel Strainer
- Large Flow Area H-Style Design
- Service Without Removal From Line
- The materials of construction and epoxy coating used in this product meets the intent of the federal NSF-61 lead content mandate.
Specifications

Sizes (Inches): 1\(\frac{1}{2}\), 2, 2\(\frac{3}{4}\), 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36 and 48

Sizes (mm): 40, 50, 65, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 750, 900, 1200

Max Pressure Rating: 150# - 250 psi • 300# - 400 psi

Temperature: Maximum 175°F

Materials:
- Body & Cover: Ductile Iron ANSI B16.42; Fusion Bonded Epoxy Coating Standard
- Cover Seal: Buna-N® Synthetic Rubber
- Strainer: 316 Stainless Steel; Ductile Iron, Epoxy Coated Frame
- 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

CV Factor

<table>
<thead>
<tr>
<th>Size (inches)</th>
<th>1 (\frac{1}{2})</th>
<th>2</th>
<th>2(\frac{3}{4})</th>
<th>3</th>
<th>4</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>14</th>
<th>16</th>
<th>18</th>
<th>20</th>
<th>24</th>
<th>30</th>
<th>36</th>
<th>48</th>
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</thead>
<tbody>
<tr>
<td>Size (millimeters)</td>
<td>40</td>
<td>50</td>
<td>65</td>
<td>80</td>
<td>100</td>
<td>150</td>
<td>200</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
<td>450</td>
<td>500</td>
<td>600</td>
<td>750</td>
<td>900</td>
<td>1200</td>
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<tr>
<td>CV (Gal/Min - gpm)</td>
<td>96</td>
<td>150</td>
<td>254</td>
<td>367</td>
<td>654</td>
<td>1644</td>
<td>3922</td>
<td>4566</td>
<td>6800</td>
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<td>12796</td>
<td>18264</td>
<td>26302</td>
<td>CF</td>
<td>CF</td>
<td>CF</td>
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<tr>
<td>CV (Litres/Sec - l/s)</td>
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<td>36</td>
<td>61</td>
<td>88</td>
<td>157</td>
<td>395</td>
<td>942</td>
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<td>3074</td>
<td>4388</td>
<td>6319</td>
<td>CF</td>
<td>CF</td>
<td>CF</td>
</tr>
</tbody>
</table>

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

*Consult factory to confirm flow data for 30-inch/750mm and larger strainers

Model X43H Strainer Typical Application