

Flanged Y Strainers

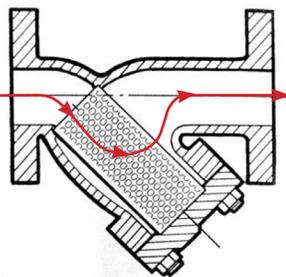
Equipment Protection

Flanged Carbon Steel Y Strainer



Strainer comes with #40 Mesh Screen and is available in these sizes: 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"

Y strainers mechanically remove unwanted solids from gas lines by means of a wire mesh straining element. They are used in pipelines to protect control valves and other process equipment. Y strainers are very cost effective straining solutions in many applications. The strainer screen is manually cleaned by shutting down the line and removing the strainer cap.



Flow path through a Y strainer

A Y strainer may be installed in either a horizontal or vertical position. In both cases, the screening element must be on the "down side" of the strainer body so that the entrapped material can properly collect in it.

Screen Construction

The screen is the heart of the Y strainer and the point where the dirt or unwanted material is trapped. Strainer screens made

with thin gauge material and soldered, rather than welded, connections can compromise the entire system. When a screen is damaged in service or in cleaning, the Y strainer is effectively out of service. While brass is sometimes used as a screen material to cut costs, it is truly false economy. Stainless steel, because of its strength and corrosion resistance, is always the preferred material for Y strainer screens. The screen is critical to the operation of the strainer, and it is recommended that the user have on hand an extra screen for each size Y strainer installed. Stainless steel strainers are standard with Streivor's Y strainers.

A forty mesh screen comes standard with Streivor's Y strainer. A forty mesh means 40 wires per inch in both a vertical and horizontal direction with a mesh opening of 0.0160" and 406 microns.

Types of Connections

Y strainers are available in two types of connections, threaded or flanged. Flanges are designed to ANSI specifications.

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