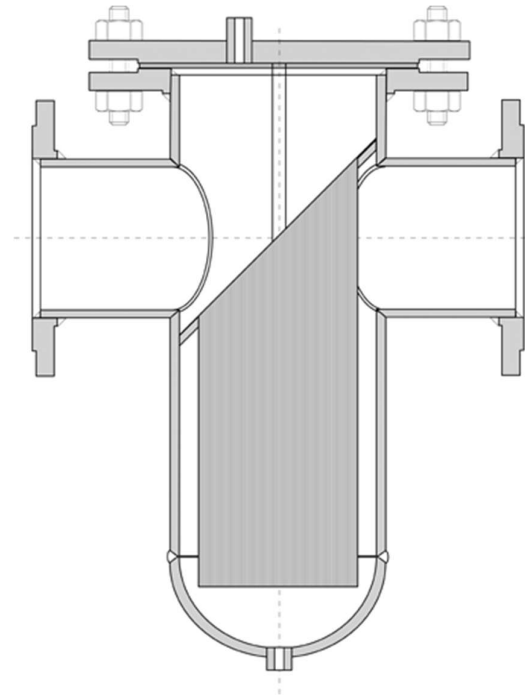


FABRICATED BASKET STRAINER

Basket Strainer is a high-performance pipeline filtration device engineered to remove solid contaminants from liquids, gases, steam, and various process fluids. It safeguards critical downstream equipment such as pumps, valves, heat exchangers, flow meters, and compressors, ensuring uninterrupted and efficient system operation.

DESIGN STANDARD	
Design & Manufacturing:	ASME B31.3
Flange Standard:	ASME B16.5 / B16.47
Butt Weld Ends:	ASME B16.25
Face to Face:	Manufacturer Standard / ASME B16.10
Testing:	Hydrostatic as per API 598
Pressure Class:	150# to 2500#



CONSTRUCTION	
Components	Material Options
Body	Carbon Steel (WCB), SS304, SS316, Alloy Steel
Cover	Same as Body
Basket	SS304 / SS316 / Duplex SS
Gasket	CAF / PTFE / Spiral Wound
Fasteners	ASTM A193 B7 / SS304 / SS316
Drain Plug	Carbon Steel / Stainless Steel

PRESSURE DROP CHART

Fabricated Basket Strainers

This pressure drop chart is based on the flow of clean water through the Strainflow Engineering fabricated basket strainers with a 1/8" perforated basket.

TO USE CHARTS:

Find your desired rate of flow (GPM) on the left hand side of the chart. Follow its corresponding horizontal line to the point where it intersects the diagonal line indicating the strainer pipe size. From this point of intersection, follow the vertical line down to the bottom of the chart to determine the approximate pressure drop.

CORRECTION FACTORS:

For finer mesh baskets that are backed with a perforated sheet, multiply the pressure drops shown at right by the following:

- 40 mesh x 1.2
- 60 mesh x 1.4
- 80 mesh x 1.6
- 100 mesh x 1.7
- 150 mesh x 1.8
- 200 mesh x 2.0

