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Model TSF Y Strainers

Phone Orders: 908.496.9020 Printer Friendly PDF File Fax Orders: 908.496.8080

Sizes 1/4" to 10", constructed of cast iron, bronze, carbon steel, stainless steel or polypropylene - threaded, flanged or socket weld connections.

Factory Direct Pipeline Products Model TSF Y Strainers are heavy duty and designed for aggressive industrial and commercial applications. There are simply no higher quality Y strainers available at any cost. Quality of a relatively simple Y strainer is an important consideration for the typical operational parameters associated with steam and gas applications especially for extremely high temperatures and high pressure applications. A Y strainer is a pressure vessel; its wall thickness can be analyzed and evaluated by different applicable standards. Every TSF Y strainer is designed to stand up the most demanding applications.

Catalog Pages for Model TSF Y Strainers

follow the links below, categorized by material of construction, for detailed information for each strainer

1/4" - 6"	1/4" - 12"	1/4" - 10"	1/4" - 10"	1/2" - 3"
BRONZE	CAST IRON	CARON STEEL	316SS	POLYPROPYLENE

There is a tendency to trivialize quality, particularly when price becomes a dominant consideration. What this design consideration amounts to in non-critical, light duty applications is an extra element of safety, as well as longer, more dependable service. We extend our preoccupation with quality to each screen that is supplied with TSF Y strainers. It should not come as a surprise to learn that those Y strainers, whose bodies are trimmed to a bare minimum for cost reasons, are equipped with screens that lack structural integrity and are poorly seated and sealed. Our heavy duty Model TSF Y strainers are furnished with high quality stainless steel screens that are carefully fabricated to fit the strainer body perfectly. This, coupled with the precision machined screen seat on the body of the strainer, protects against any bypass. Model TSF Heavy Duty Y Strainers are available in iron, bronze, carbon steel or stainless steel for pipeline sizes from 1/4" to 10", with threaded, flanged, or socket weld connections.

Features

- Heavy Duty Construction
- Compact Design
- Bolted or Threaded Covers
- Standard Stainless Steel Screens
- Synthetic Fiber Gaskets



Options

- 316SS and Monel Screens
- Perforated 1/32" to 1/2" and 40, 60, 80, 100, 200, 325 Mesh Lined
- Chrome-Moly Construction
- Ring Type Joint & Butt Weld Connections
- 900#, 1500#, and 2500# Ratings Available

Y strainers are typically used in applications where the amount of solids to be removed is small, and where frequent clean-out is not required. They are most often installed in gaseous services such as steam, air, nitrogen, natural gas, etc. The compact, cylindrical shape of the Y strainer is very strong and can readily accommodate the high pressures that are common in this type of service. Pressures up to 6000 PSI are not unusual. When steam is being handled, high temperature can be an additional complicating factor. A steam pressure of 1500 PSI will often be found at temperatures of 1000°F. The strength of the standard Factory Direct Pipeline Products Y strainer design can easily accommodate these extreme parameters although the material of construction will probably be an alloy steel.

A Y strainer has the advantage of being able to be installed in either a horizontal or vertical position. However, in both cases, the screening element or "leg" must be on the "downside" of the strainer body so the entrapped solids can be properly collected and held for disposal

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▶ Need Spare Parts? Click Here for a Complete Listing for the TSF Series				
▶ Click Here to open the Specifications Manual for 1/4" - 10" Model TSF Strainers				
▶ Click Here for to open the Installation and Operation Manual for TSF Y Strainers				



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