

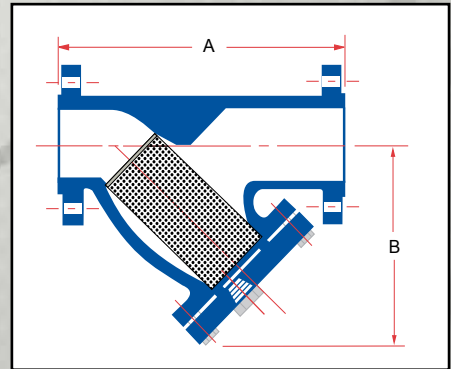
# Cast Y Strainers

YF150 / YF150SS - Cast Steel / Cast 316 Stainless Steel

## Class 150 Flanged End Connections



Sure Flow Class 150 ASME Flanged strainers are available in Carbon Steel and Stainless Steel. A machined, tapered seat ensures a perfect fit for the removable, stainless steel screen. Size 2" and larger come complete with flanged blow-off cover, gasket & plug. 1 1/2" and smaller come complete with solid threaded cover and gasket. May be installed in vertical or horizontal pipelines with blow-off connection at the lower end of the screen.



### Notes:

- Must specify if for steam service
- Sizes 14" and larger are available in Cast Steel only.

Manufacturer reserves the right to modify dimensions, materials, or design. Consult factory for certification.

### Construction

**Carbon Steel** - Body, Cover - ASTM A216 Grade WCB

**Stainless Steel** - Body, Cover - ASTM A351 Grade CF8M

All screens are Stainless Steel

Size		Dimensions (Inches)			
Inches	Prefix	A	B	Blow-Off NPT	Shipping Weight (LBS)
1/2	0050	6	2 9/16	1/4	9
3/4	0075	7 1/2	3	1/4	11
1	0100	7 3/8	3 3/8	1/4	15
1 1/2	0150	7 1/4	4 3/4	1/2	18
2	0200	8 5/8	4 7/8	1/2	30
2 1/2	0250	10 1/4	7 1/2	3/4	44
3	0300	11 5/8	7 3/4	1	60
4	0400	14 1/4	9 1/8	1 1/2	96
5	0500	17 5/8	11	2	150
6	0600	18 5/8	13 3/8	2	174
8	0800	24 3/8	14 5/8	2	264
10	1000	26	17 1/4	2	414
12	1200	30 3/8	21	2	615
14	1400	36	27 3/16	2	720
16	1600	41 9/16	30 1/4	2	956
18	1800	46	35 11/16	2	1130
20	2000	49 1/2	40	2	1500
24	2400	58 3/8	44 1/2	2	1990

### Ordering Information

Example: Include full description

Size Model Screen  
(Prefix) Number Opening  
**0400 YF150SS 125**

4" Flanged, Y Strainer, Cast Stainless Steel, Class 150  
ASME Flanges, 1/8" Perf Screen

### Operating Pressures and Temperatures

Type	Size	psi @ Temp Steam*	psi @ Temp WOG
YF150	1/2" - 24"	150 @ 358 °F	285 @ 100 °F
YF150SS	1/2" - 12"	150 @ 358 °F	275 @ 100 °F

### Standard Screens

Size	Standard	Opening
1/2" - 1 1/2"	1/32" perf	0.032"
2" - 3"	3/64" perf	0.045"
4" - 24"	1/8" perf	0.125"



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