Triton™ Fabricated Tee Strainer

Feature Benefits

Optimized Process Performance

Applications

- District Cooling
- Power Generation
- Oil & Gas / Refining
- Water / Wastewater
- Chemical Processing

Custom Fabricated Tee Strainer with Davit Arm & Service Port

Benefits

- Protect Heat Exchangers and Pumps
- Longer Operation Between Cleanings
- Increased Equipment Lifetime
- Reduced Installation Costs

Design Features

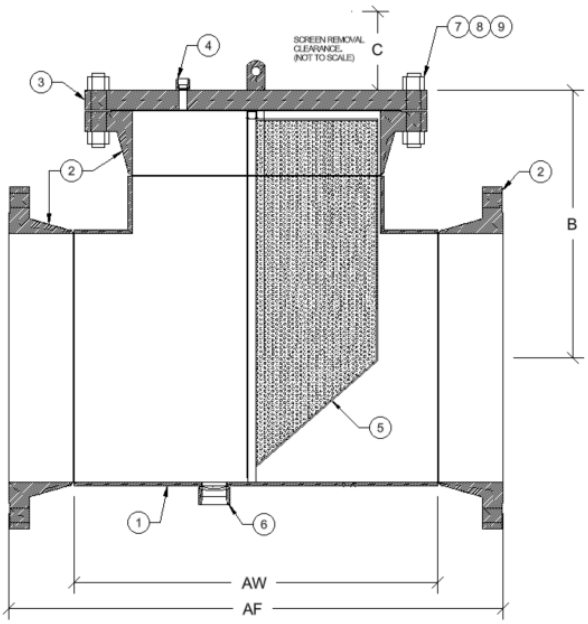
- Internally & Externally Heat-Fused Epoxy Coated for Advanced Corrosion Protection
- Designed to ASME B31.1, ASME B31.3, or ASME Sec VIII
- Custom Designs, Dimensions & Materials
- Optional QuikClean™ Service Port
- Cover Options: Bolted, Quick Open Cover, Davit Swing Arm
- Optional Differential Pressure Gauge

Tee Strainer Quick Open Cover

Triton™ Fabricated Tee Strainer

Technical Data

Mechanical Specifications



COMPONENT LIST & STANDARD MATERIALS[1]			
ITEM	PART	CARBON STEEL	STAINLESS STEEL
1	Body	A53 Gr B	A312
2	Flanges	A105	A182
3	Cover	A105	A182
4	Vent	A105	A182
5	Screen[5]	SS304 Perforated Stainless Steel	SS304 Perforated Stainless Steel
6	Drain	A105	A182
7	Studs	A193-B7	A193-B8
8	Nuts	A194-2H	A194-8
9	Gasket[5]	SBR Rubber	SBR Rubber

Size [in]	Face to Face (Flanged) AF [in]	Face to Face (Butt Weld) AW [in]	Center to Top B [in]	Screen Removal Clearance C [in]	Empty Weight [lb]	Cover Weight [lb]	Drain Size [in]
6	18.25	11.25	10.13	13.0	136	26	1-1/2”
8	22.0	14.0	12.13	16.0	240	45	1-1/2”
10	25.0	17.0	13.75	18.0	395	70	1-1/2”
12	29.0	20.0	15.75	22.0	520	110	1-1/2”
14	32.0	22.0	17.38	24.0	725	140	1-1/2”
16	34.0	24.0	18.5	26.0	950	180	2”
18	38.0	27.0	20.68	30.0	1130	220	2”
20	41.38	30.0	22.38	32.0	1450	285	2”
24	46.0	34.0	24.88	36.0	2300	430	2”
30	54.50	44.0	27.25	43.0	2250	543	2”

Notes:
1. Standard dimensions and materials shown for ASME Class 150. Consult factory for custom dimensions or material.
2. Flanged ends shown. Consult factory for end connection options including flanged, grooved end, or butt-weld.
3. Weights indicated are for ASME B16.5 Class 150 Flanges and carbon steel pipe. 30” Flanges are ANSI B16.47 Series B.
4. Higher ASME pressure ratings available, larger sizes available.
5. Recommended spare parts.