

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

FLANGED CAST IRON Y-STRAINER

T-19

High-strength cast iron construction resists distortion from pipeline stresses

A larger straining area provides more effective single-pass debris filtration and entrapment, enhancing downstream component protection

Uni-directional flow. Can be installed horizontally or vertically, where the screen cap must be positioned downward. In the vertical position, the media must flow downward

Equipped with a 304 stainless steel perforated strainer that is more rigid than traditional mesh strainers and more resistant to collapse under high-velocity flow or excess debris applications

All sizes are furnished with a square-head closure plug

Gasketed strainer cap is bolted to the body, for easy removal and servicing of the perforated strainer

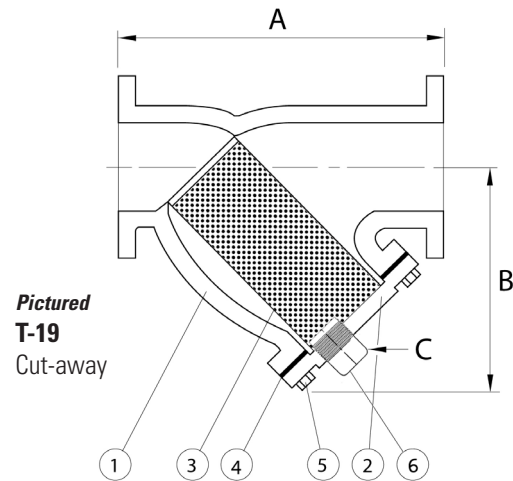
Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 200 psi
Saturated steam (WSP): 125 psi to 340° F

Strainer Type

2" to 4" Cylindrical, 1/16" diameter-round-perforation sheet steel
5" to 8" Cylindrical, 1/8" diameter round-perforation sheet steel

- Flanged end connections conform to ANSI / ASME B16.1, Class 125 / 150
- Manufactured in an ISO accredited facility



DIMENSIONS			
Size	A	B	C (NPT)
2"	7.86	5.25	1/2"
2-1/2"	10.00	6.50	1"
3"	10.13	7.00	1"
4"	12.13	8.25	1-1/2"
5"	15.63	11.25	2"
6"	18.50	13.50	2"
8"	21.63	15.50	2"

CLASS 125 / 150 FLANGE DATA

Nominal size	Bolt circle diameter	Bolt size	Number of bolt holes	Flange diameter
2"	4.75	5/8" - 11	4	6"
2-1/2"	5.5	5/8" - 11	4	7"
3"	6	5/8" - 11	4	7.50"
4"	7.5	5/8" - 11	8	9"
5"	8.5	3/4" - 10	8	10"
6"	9.5	3/4" - 10	8	11"
8"	11.75	3/4" - 10	8	13.50"

MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Body	Cast iron	ASTM A126 Class B
2 Cap	Cast iron	ASTM A126 Class B
3 Perforated strainer	Stainless steel	ASTM A240 UNS S30400
4 Cap gasket	Nitrilic bonded non-asbestos fiber	Commercial grade
5 Cap bolt	Carbon steel	ASTM A307 Grade B
6 Closure (blowoff) plug	Malleable Iron	ASTM A197 ANSI B16.3