LEGEND
PLUMBING • INDUSTRIAL • COMMERCIAL • HYDRONICS

SUBMITTAL SHEET

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

CAST IRON Y-STRAINER

T-17



High-strength cast iron construction resists distortion from pipeline stresses

Designed to protect downstream components, by trapping and holding debris under pressure

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

Sizes 1/4" to 2" are equipped with a 304 stainless steel 20-mesh screen. Sizes 2-1/2" and 3" are equipped with a 304 stainless steel 1/16" round-perforated strainer

All sizes are furnished with a square-head closure plug that is pre-installed and ready for service

Gasketed strainer cap is removable, for easy servicing of the screen or strainer. Replacement screens, strainers and gaskets are available

Available in nominal sizes 1/4" FNPT to 3" FNPT

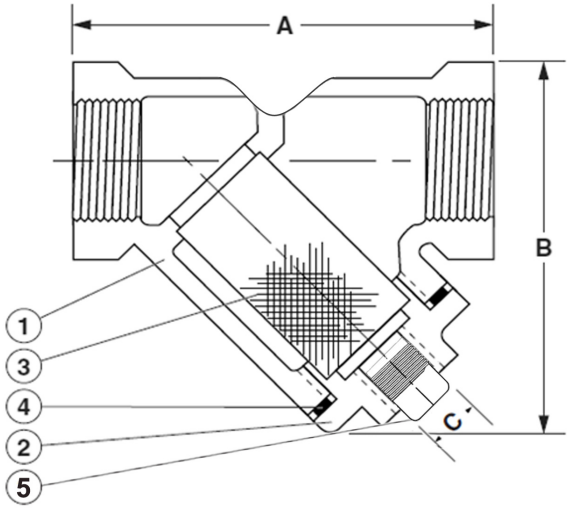
- Female threaded end connections comply with ANSI / ASME B1.20.1
- Manufactured in an ISO accredited facility

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP):	500 psi
Saturated steam (WSP):	250 psi to 310° F

Strainer Type

1/4" to 2"	Cylindrical, 20-Mesh screen
2-1/2" to 3"	Cylindrical, 1/16" diameter round-perforation sheet steel



Pictured
T-17
Cut-away

MATERIAL SPECIFICATION

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

DIMENSIONS

Nominal Size	A	B	C (NPT)
1/4" FNPT	3.19	2.00	1/4"
3/8" FNPT	3.19	2.00	1/4"
1/2" FNPT	3.25	2.00	1/4"
3/4" FNPT	3.75	2.69	3/8"
1" FNPT	4.00	2.94	3/8"
1-1/4" FNPT	5.00	3.44	3/4"
1-1/2" FNPT	5.75	3.81	3/4"
2" FNPT	7.00	4.38	1"
2-1/2" FNPT	8.00	6.13	1"
3" FNPT	8.00	7.50	1"