STRAINERS
Bronze • Stainless Steel

APPLICATION:

The presence of foreign particles in an automatic valve may seriously affect its dependability. The installation of a strainer close to the inlet side of the valve is the best means of preventing the entrance of pipe chips, scale, rust, pipe dope, welding slag or sediment into the valve, provided the screen is periodically removed for cleaning.

CONSTRUCTION:

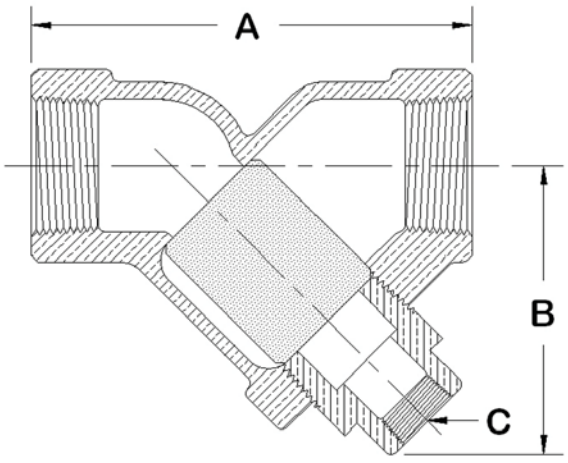
Strainer bodies have screwed ends. Screens are stainless steel with opening sizes as listed in tables below. Other sizes can be furnished upon request. Liberal straining area provides for fluid passage at minimum pressure drop. Screens are easily removed for cleaning. Strainers are furnished with NPT blow-off connections unplugged. See charts below for blow-off sizes (C Dim.)

CLEANING FOR CRYOGENIC & OXYGEN SERVICE:

- Strainers for Cryogenic applications are degreased and cleaned to keep them free of moisture.
- Strainers for Oxygen service are degreased and cleaned then "black light" tested.

BRONZE 1/4" TO 3" PIPE SIZE

Pipe Size Inches	Screen Size	Type No.	Ship Wt. Lbs.	Dimensions In Inches		
				A	B	C
1/4	60 Mesh 0.009 Openings	ST 0	3/4	2-3/4	2-1/4	1/4
3/8		ST 1	3/4	2-3/4	2-1/4	1/4
1/2		ST 2	3/4	2-3/4	2-1/4	1/4
3/4		ST 3	1-1/2	3	2-9/16	3/8
1		ST 4	2-1/4	3-3/4	2-3/4	3/8
1-1/4	0.16 Diameter Perforations Lined With 30 Mesh	ST 5	3-1/4	4-7/16	3-5/8	3/4
1-1/2		ST 6	4-1/2	4-15/16	3-7/8	3/4
2		ST 7	7	6-1/8	5-1/16	1
2-1/2		ST 8	12-1/2	8-1/4	6	1-1/4
3		ST 9	18	9	6-3/4	1-1/2



STAINLESS STEEL 1/2" TO 2" PIPE SIZE

Pipe Size Inches	Screen Size	Type No.	Ship Wt. Lbs.	Dimensions In Inches		
				A	B	C
1/2	60 Mesh 0.009 Openings	ST 2SS	1-1/2	3	2-3/8	1/4
3/4		ST 3SS	2-1/4	3-3/4	2-13/16	3/8
1		ST 4SS	3-1/4	4-5/8	3-1/8	3/8
1-1/2	0.16 Diameter Perforations Lined w/30 Mesh	ST 6SS	6-3/4	5-5/8	4-3/4	3/4
2		ST 7SS	11-1/2	7	6	1

PRESSURE TEMPERATURE RATINGS

MATERIAL	STEAM	LIQUIDS
BRONZE	300 PSI @ 400°F	600 PSI @ 100°F
STAINLESS STEEL	845 PSI @ 750°F	1,440 PSI @ 100°F