

## Y-Type Strainer, Flanged Ends

FIG. F0511-175

### Specification

- Meet or exceed the requirements of UL 321 standard.
  - NPT or BSPT blowoff outlet on cover (blowoff outlets are furnished with plugs).
  - Recessed seat in body assure accurate screen alignment.
  - Round holes with 60 degrees staggered.
  - Excellent flow characteristics and low pressure losses at high flow rates.
  - Connection Ends: ASME B16.1 Class 125 or EN1092-2 PN10/16.
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- UL 321/ULC listed.
  - GOST certificated.

### Working Pressure and Temperature

- 175 psi @ 0 °C to 120 °C.

### Corrosion Protection

- Fusion bonded coating interior and exterior meet or exceed all applicable of AWWA C550 standard.

### Options

- Spray painted.

### Material Specification

Part	Material	ASTM Specification
Body	Cast Iron	A126 Class B
Cover	Cast Iron	A126 Class B
Screen	Stainless Steel	A276 Grade 304
Body/Cover Gasket	PTFE / Graphite	Commercial
Body/Cover Bolts	Carbon Steel	A307 Grade B
Plug	Malleable Iron	A47 Grade 22010

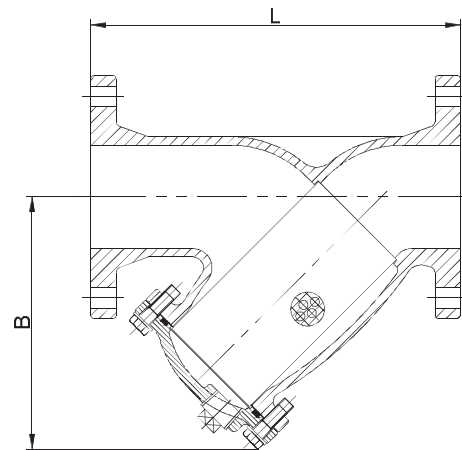
### Standard Screens(mm/inch)

Size	Hole Diameter	Free Flow Area Opening
2.5"	3.0/0.12	53.60%
3" to 5"	4.3/0.17	55.43%
6" to 10"	6.0/0.24	63.00%
12"	6.3/0.25	40.70%

### Main Dimensions (mm/inch)

Size	2.5	3	4	5	6	8	10	12
L	273/10.75	295/11.63	352/13.88	416/16.38	470/18.50	543/21.38	660/26.00	770/30.31
B	140/5.50	203/8.00	240/9.50	290/11.50	305/12.00	410/16.00	480/19.00	560/22.00
Plug Size	1"	1"	1"	1-1/4"	1-1/2"	1-1/2"	2"	2"

### Schematic



#### Notes

• Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.