



ST SERIES, STRAINERS		
SIZE (NPT)	MODEL NUMBER	SHIP WGT. Lbs./kg
1/2"	ST5	3 (1.4)
3/4"	ST3	3 (1.4)
1"	ST1	4 (1.8)
1 1/4"	ST1-1/4	5 (2.3)
1 1/2"	ST1-1/2	6 (2.7)
2"	ST2	10 (4.5)

20 mesh stainless screen. 125 PSI maximum at 300°F (149°C).

## ST Series Features and Benefits

### IMPROVES VALUE OPERATION:

- ◆ Protects water and steam solenoid valves from particulate damage.

### RUGGED CONSTRUCTION:

- ◆ "Y" style cast bronze body with 20-mesh stainless steel screen.

### CAPACITIES:

- ◆ Sizes: ½ inch to 2 ½ inch FNPT.
- ◆ Working pressure: 125 PSIG at 300°F (149°C)

### OPTIONS AVAILABLE (consult factory):

- ◆ Stainless steel bodies.

### PERFORMANCE TABLE

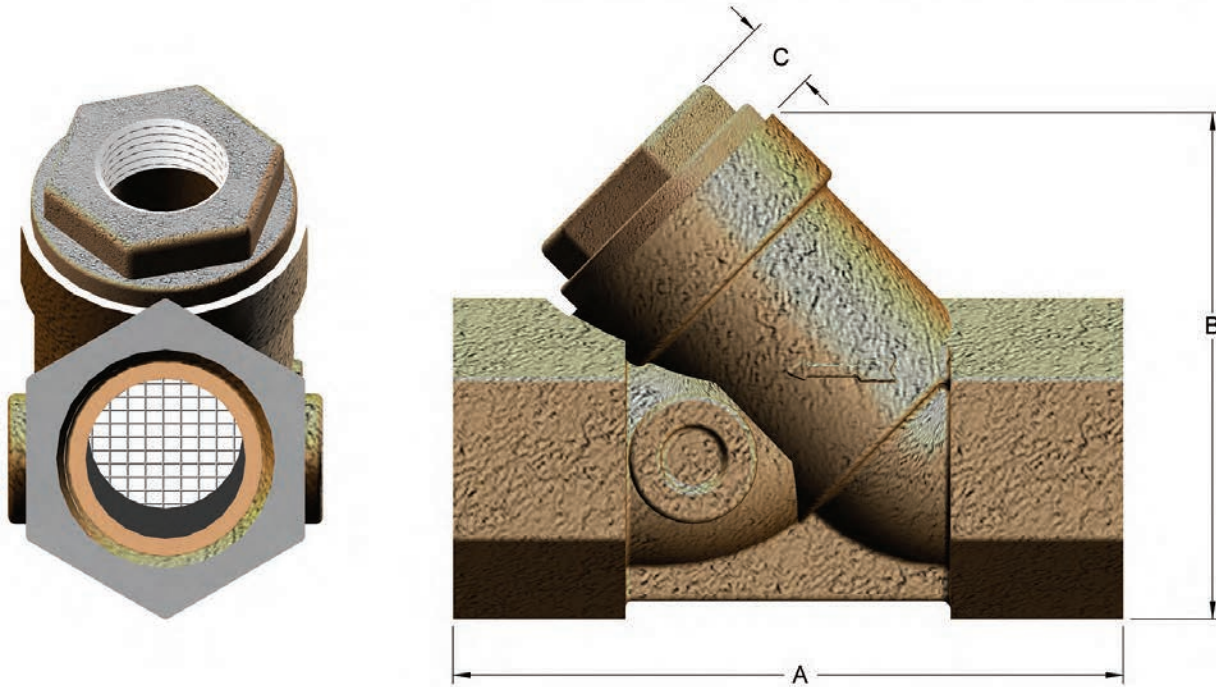
FLOW GPM	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"
10	1.4	.4	.1	.1	.1	.1	.1
20	5.5	2.1	.4	.3	.2	.1	.1
30	13.3	4.3	1.3	.5	.3	.1	.1
40		7.5	2.3	1.0	.5	.2	.1
50		10.0	3.5	1.7	.9	.3	.2
60		12.0	4.0	2.5	1.5	.5	.25
70			4.6	3.2	2.0	.7	.3
80			8.0	4.4	2.5	1.0	.4
90			12.0	5.7	3.5	1.5	.45
100				7.7	4.1	2.0	.5
120				10.0	6.0	2.5	.6
140				13.0	8.0	3.4	.9
160					10.0	4.5	.95
180					12.0	5.0	1.0
200					14.0	6.5	1.2
225						8.0	1.5
250						9.5	1.8
300						11.0	2.5
400							4.3
500							6.1
600							8.5

PRESSURE DROP

CONSULT INSTALLATION AND MAINTENANCE INFORMATION FOR SPECIFIC INSTRUCTIONS

## DIMENSIONS

SIZE	A	B	C
1/2"	2.79	1.90	.31
3/4"	3.15	2.37	.33
1"	3.70	2.65	.38
1-1/4"	4.40	3.50	.40
1-1/2"	4.97	4.00	.44
2"	5.93	5.00	.54



## STRAINER ORDERING INFORMATION

Series	Size (FNPT)
ST	5 = 1/2" 3 = 3/4" 1 = 1" 1-1/4 = 1 1/4" 1-1/2 = 1 1/2" 2 = 2"

### ORDERING EXAMPLE:

ST1

Strainer, 1" FNPT inlet/outlet.

