



ST SERIES, STRAINERS		
SIZE (NPT)	MODEL NUMBER	SHIP WGT. Lbs./kg
1/2"	ST5	3 (1.5)
3/4"	ST3	3 (1.5)
1"	ST1	4 (2)
1 1/4"	ST1-1/4	5 (2.5)
1 1/2"	ST1-1/2	6 (3)
2"	ST2	10 (4.5)

20 mesh stainless screen. 125 PSI maximum at 400°F (205°C).

## Product Features and Benefits:

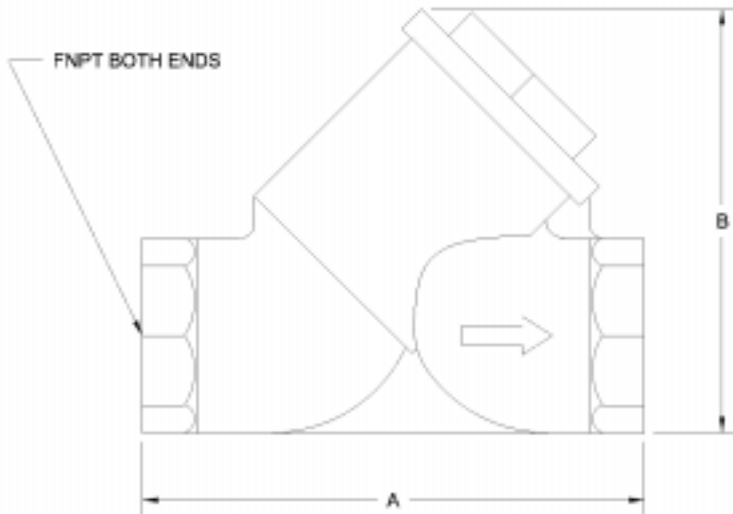
- ◆ **IMPROVES VALVE OPERATION:** Protects water and steam solenoid valves from particulate damage.
- ◆ **RUGGED CONSTRUCTION:** “Y” style cast bronze body with 20-mesh stainless steel screen.
- ◆ **CAPACITIES:**
  - Sizes: ½-inch to 2½-inch FNPT.
  - Working pressure: 125 PSIG at 400 °F (205 °C).
- ◆ **OPTIONS AVAILABLE** (consult factory):
  - Stainless steel bodies.
  - 40 to 100-mesh liners.

### PERFORMANCE TABLE

	FLOW GPM	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"
PRESSURE DROP	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	

CONSULT INSTALLATION AND MAINTENANCE INFORMATION FOR SPECIFIC INSTRUCTIONS

## DIMENSIONS



Size	A	B
1/2"	2.76"	2.00"
3/4"	3.35"	2.50"
1"	3.78"	3.00"
1-1/4"	4.57"	3.75"
1-1/2"	5.31"	4.25"
2"	6.10"	5.63"

## 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.

**PROCESS  
TECHNOLOGY**