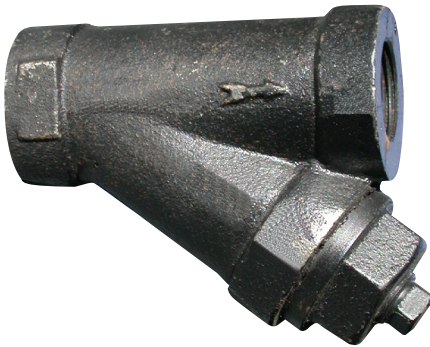


# Y STRAINERS

Models 18-Y and 20-Y



18-Y Brass



20-Y Cast Iron

## Technical Specifications

### “Y” Strainers

Pumps, control valves, traps or any other equipment controlling the flow of liquids or gases require proper protection with strainers for trouble-free operation. Sterlco® strainers are engineered for water or steam, and are adaptable for many other uses. Cleaning is accomplished by simply removing a pipe plug without disconnecting any piping. Or if it is desirable to clean without interrupting service, a blow-off valve can be connected to the cleanout opening.

## Features

### 18-Y Features

The 18-Y strainer body is a sturdy red brass (steam bronze) casting. Standard units have 40-mesh brass wire screens. Available on special order with brazing connections instead of pipe threads. For special service requirements, both 20-Y and 18-Y strainers can be furnished with a wide variety of perforated metal and wire mesh strainer screens.

### 20-Y Features

The 20-Y strainer has a heavy cast iron body, with accurately machined pipe thread inlet and outlet. Standard units have 20-Mesh Stainless Steel Wire Screen for sizes 1/2” to 2”; Stainless Steel Screen - 3/64” Diameter Perforations for sizes 2-1/2” and 3”. Flanged models use Stainless Steel Screens - 1/16” Diameter Perforations.

## Product Diagrams

### Brass Threaded "Y" Strainer

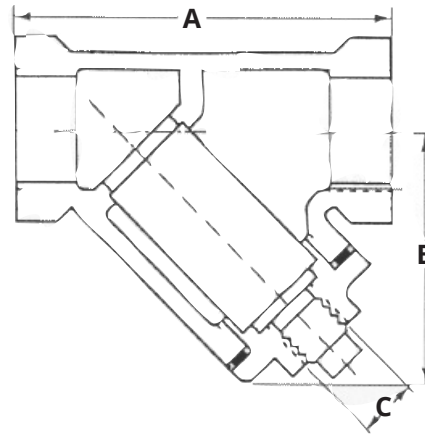
(40-Mesh Stainless Steel Wire Screen)

#### Working Pressures

Steam 150 PSI @ 400°F

Water-Oil-Gas 300 PSI @ 170°F

Size	Model Number	Shipping Weight, lbs.
1/2"	18-Y	1
3/4"	18-Y	1
1"	18-Y	1-1/2
1-1/4"	18-Y	2-1/2
1-1/2"	18-Y	3-1/2
2"	18-Y	5-1/2
2-1/2"	18-Y	9
3"	18-Y	14



### Dimensions

Type	Size	A	B	C	Weight, lbs.
18-Y	1/2"	3.21	2.17	.25	1
	3/4"	3.96	2.75	.25	1
	1"	4.53	2.95	.375	1-1/2
	1-1/4"	5.33	3.54	.375	2-1/2
	1-1/2"	6.22	3.86	.5	3-1/2
	2"	7.50	5.43	.5	5-1/2
	2-1/2"	9.06	5.90	.5	9
	3"	10.20	6.30	.5	14
20-Y Threaded	1/2"	3.00	2.50	.375	1-3/4
	3/4"	4.00	2.75	.50	2-1/2
	1"	4.875	3.50	.50	4
	1-1/4"	5.125	4.00	.75	7
	1-1/2"	5.75	4.625	.75	8-1/4
	2"	7.25	5.50	1.00	13
	2-1/2"	9.00	7.25	1.25	24
	3"	10.00	8.00	1.50	32
20-Y Flanged	2"	9.00	7.00	.50	21
	2-1/2"	10.25	7.75	1.00	32
	3"	12.00	10.00	1.00	36

### Cast Iron Threaded "Y" Strainer

(20-Mesh Stainless Steel Wire Screen for sizes 1/2" to 2"; Stainless Steel Screen - 3/64" Diameter Perforations for sizes 2 1/2" and 3")

#### Working Pressures

Steam 250 PSI @ 406°F

Water-Oil-Gas 400 PSI @ 150°F

Size	Model Number	Shipping Weight, lbs.
1/2"	20-Y	1-3/4
3/4"	20-Y	2-1/2
1"	20-Y	4
1-1/4"	20-Y	7
1-1/2"	20-Y	8-1/4
2"	20-Y	13
2-1/2"	20-Y	24
3"	20-Y	32

### Cast Iron Flanged "Y" Strainer

(Stainless Steel Screen - 1/16" Diameter Perforations)

#### Working Pressures

Steam 125 PSI @ 450°F

Water-Oil-Gas 200 PSI @ 450°F

Size	Model Number	Shipping Weight, lbs.
2"	20-Y	21
2-1/2"	20-Y	32
3"	20-Y	36