

SPECIALTY PRODUCTS

WCSY/WSSY Series

Y-Type Strainers - Carbon Steel/Stainless Steel

| | |
|---------------|---|
| Model | WCSY, WSSY |
| Sizes | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2" |
| Connections | NPT, SW |
| Body Material | Carbon Steel (WCSY) Stainless Steel (WSSY) |

PRESSURE/TEMPERATURE RATINGS

| | | |
|-----------------|-----|-------------------|
| Carbon Steel | NPT | 600 PSIG @ 839°F |
| Stainless Steel | NPT | 600 PSIG @ 1124°F |



TYPICAL APPLICATION

The **WCSY/WSSY** Y-Strainers are used to strain dirt particles from fluid in pipelines and provide inexpensive protection for costly pumps, meters, valves, traps, turbines and compressors.

FEATURES

- Machined seat assures perfect fit for screen
- Blowdown connection & easily removable stainless steel cylindrical screens for easy maintenance
- Choice of carbon steel or stainless steel bodies

INSTALLATION

The strainer should be installed in the flow direction as indicated on the body in either a vertical down or horizontal pipeline. The strainer must be accessible for periodic cleaning.

MATERIALS

WCSY CARBON STEEL MODEL

| | |
|--------|---------------------------|
| Body | Carbon Steel, A216 GR WCB |
| Plug | Carbon Steel, A216 GR WCB |
| Cover | Carbon Steel, A216 GR WCB |
| Screen | Stainless Steel |
| Gasket | Blue Guard |

WSSY STAINLESS STEEL MODEL

| | |
|--------|-------------------------------|
| Body | Stainless Steel, A351 GR CF8M |
| Plug | Stainless Steel, A351 GR CF8M |
| Cover | Stainless Steel, A351 GR CF8M |
| Screen | Stainless Steel |
| Gasket | Blue Guard |

HOW TO ORDER

Specify connection size and connection configuration (NPT or SW) that will meet application requirements.

DIMENSIONS & WEIGHTS – inches / pounds

| Size NPT | A | B | Blowdown NPT | Weight (lbs) | Screen Opening |
|----------|-------------------------------|---------------------------------|--------------|--------------|----------------|
| 1/2" | 3 | 2 ⁷ / ₁₆ | 1/4 | 2 | 0.033 |
| 3/4" | 3 ³ / ₄ | 2 ¹⁵ / ₁₆ | 3/8 | 3 | 0.033 |
| 1" | 4 ⁵ / ₈ | 3 ³ / ₄ | 3/8 | 5 | 0.033 |
| 1 1/4" | 5 | 4 | 3/4 | 7 | 0.033 |
| 1 1/2" | 5 ⁵ / ₈ | 4 ¹³ / ₁₆ | 3/4 | 10 | 0.033 |
| 2" | 7 | 6 ¹ / ₈ | 1 | 15 | 0.045 |

