

SPECIALTY PRODUCTS

WCII Series

Cast Iron Y-Type Strainers

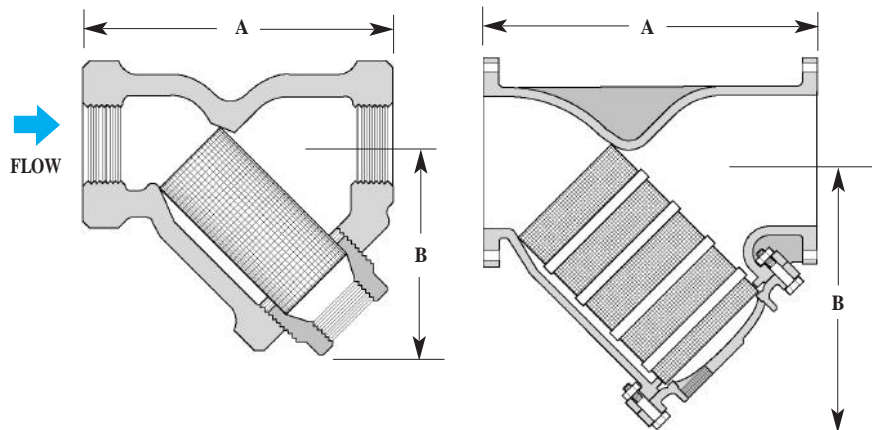
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| | |
|---------------|--|
| Model | WCII |
| Sizes | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4" |
| Connections | NPT, Flanged |
| Body Material | Cast Iron |

PRESSURE/TEMPERATURE RATINGS

| | |
|----------|--------------------------|
| NPT | 250 PSIG @ 406°F - Steam |
| NPT | 400 PSIG @ 150°F - WOG |
| 125# FLG | 125 PSIG @ 450°F - Steam |
| 125# FLG | 200 PSIG @ 150°F - WOG |
| 250# FLG | 250 PSIG @ 450°F - Steam |
| 250# FLG | 500 PSIG @ 150°F - WOG |

Note: WOG = Water, Oil or Gas.



TYPICAL APPLICATIONS

The WCII Y-Strainer is 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
- Durable cast iron body

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.

DIMENSIONS & WEIGHTS - inches/pounds

| Size/Connection | Model | A | B | Blowdown NPT | Weight (lbs) | Screen Opening |
|-----------------|-----------------|--------------------------------|--------------------------------|--------------|--------------|----------------|
| 1/2" NPT | WCII-12-020S250 | 3 ³ / ₁₆ | 2 ¹ / ₁₆ | 3/8 | 1.5 | 0.033 |
| 3/4" NPT | WCII-13-020S250 | 3 ³ / ₄ | 2 ⁷ / ₁₆ | 3/8 | 2.5 | 0.033 |
| 1" NPT | WCII-14-020S250 | 4 | 2 ⁷ / ₁₆ | 3/4 | 3 | 0.033 |
| 1 1/4" NPT | WCII-15-020S250 | 5 | 3 ³ / ₈ | 3/4 | 5.5 | 0.033 |
| 1 1/2" NPT | WCII-16-020S250 | 5 ³ / ₄ | 3 ⁷ / ₈ | 1 | 8 | 0.033 |
| 2" NPT | WCII-17-020S250 | 7 | 4 ³ / ₄ | 1 1/2 | 13 | 0.033 |
| 2" 125# FLG | WCII-17-020F125 | 8 ⁷ / ₈ | 6 | 1/2 | 22 | 0.033 |
| 2" 250# FLG | WCII-17-020F250 | 8 ⁷ / ₈ | 6 ¹ / ₂ | 1/2 | 28 | 0.033 |
| 2 1/2" NPT | WCII-18-045S250 | 9 ¹ / ₄ | 5 ⁷ / ₈ | 1 1/2 | 22 | 0.045 |
| 2 1/2" 125# FLG | WCII-18-045F125 | 10 ³ / ₄ | 8 | 1 | 35 | 0.045 |
| 2 1/2" 250# FLG | WCII-18-045F250 | 11 ¹ / ₄ | 7 | 1 | 38 | 0.045 |
| 3" NPT | WCII-19-045S250 | 10 | 6 | 1 1/2 | 30 | 0.045 |
| 3" 125# FLG | WCII-19-045F125 | 11 ¹ / ₂ | 8 ³ / ₄ | 1 | 43 | 0.045 |
| 3" 250# FLG | WCII-19-045F250 | 11 ⁵ / ₈ | 8 | 1 | 54 | 0.045 |
| 4" 125# FLG | WCII-20-045F125 | 13 ⁷ / ₈ | 9 ¹ / ₂ | 1 1/4 | 75 | 0.045 |
| 4" 250# FLG | WCII-20-045F250 | 14 ¹ / ₂ | 10 ³ / ₄ | 1 | 110 | 0.125 |

MATERIALS

| | |
|---------|--------------------------|
| Body | Cast Iron, AI 26 CLASS B |
| Plug | Cast Iron, AI 26 CLASS B |
| Cover | Cast Iron, AI 26 CLASS B |
| *Screen | Stainless Steel |
| *Gasket | Blue Guard |

*Recommended spare parts.