

# SPECIALTY PRODUCTS

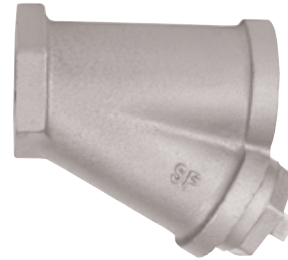
## WCIY Series

### Cast Iron Y-Type Strainers

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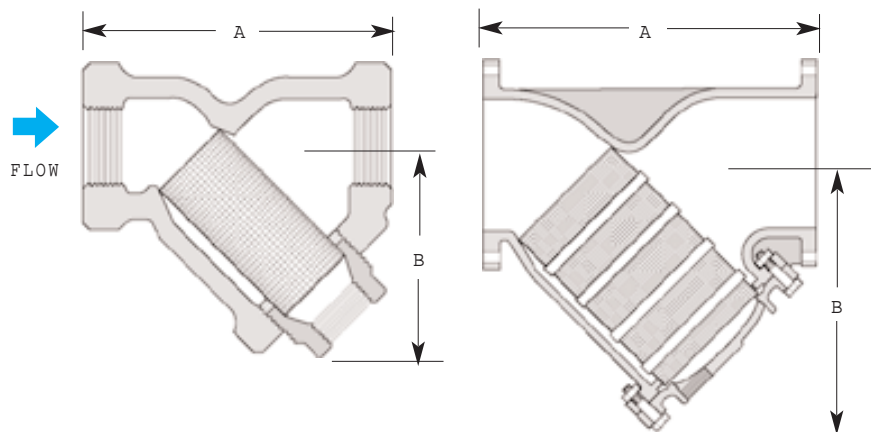
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Model	<b>WCIY</b>
Sizes	1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
Connections	NPT, Flanged
Body Material	Cast Iron



#### PRESSURE/TEMPERATURE RATINGS

NPT 250 PSIG @ 406°F  
 NPT 400 PSIG @ 150°F  
 125# FLG 125 PSIG @ 450°F  
 125# FLG 200 PSIG @ 450°F  
 250# FLG 250 PSIG @ 450°F  
 250# FLG 500 PSIG @ 150°F



#### TYPICAL APPLICATIONS

The **WCIY** Y-Strainer is used to strain dirt particles from fluid in pipe lines and provide inexpensive protection for costly pumps, meters, valves, traps, turbines, and compressors.

#### FEATURES

- Machined seat assures perfect fit for screen
- Blow off 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 maintenance.

#### MAINTENANCE

The strainer should be periodically cleaned to eliminate dirt, which is the most common cause of premature equipment failure.

#### MATERIALS

Body	Cast Iron, A126 CLASS B
Plug	Cast Iron, A126 CLASS B
Cover	Cast Iron, A126 CLASS B
*Screen	Stainless Steel
*Gasket	Blue Guard

\*Recommended spare parts.

#### DIMENSIONS - inches / pounds

Size/ Connection	Model	A	B	Blowdown	Weight (lbs)	Screen Area
1/2" NPT	WCIY-12-020S250	3-1/4	2-1/4	1/4	2-1/2	5.4
3/4" NPT	WCIY-13-020S250	3-3/4	2-5/8	1/2	3	9.4
1" NPT	WCIY-14-020S250	4	2-3/4	1/2	5	11.9
1-1/4" NPT	WCIY-15-020S250	5	3-3/4	3/4	9	16.2
1-1/2" NPT	WCIY-16-020S250	5-13/16	4	3/4	10	23.2
2" NPT	WCIY-17-020S250	7	5	1	16	35.0
2" 125# FLG	WCIY-17-020F125	9-7/8	6-1/4	1-1/2	36	34.5
2" 250# FLG	WCIY-17-020F250	11-5/8	6-1/2	1-1/2	40	34.5
2-1/2" NPT	WCIY-18-045S250	9-5/16	6	1-1/2	29	47.9
2-1/2" 125# FLG	WCIY18-045F125	11-1/4	7-5/8	1	48	47.3
2-1/2" 250# FLG	WCIY-18-045F250	11-1/16	7	1	52	47.3
3" NPT	WCIY-19-045S250	10-1/8	7	1-1/2	38	64.8
3" 125# FLG	WCIY-19-045F125	12-1/2	8-1/4	1-1/4	86	64.8
3" 250# FLG	WCIY-19-045F250	12-5/8	8	1	86	64.8
4" 125# FLG	WCIY-20-045F125	14-7/8	10-1/8	1-1/4	106	127.2
4" 250# FLG	WCIY-20-045F125	15-1/2	10-3/4	1-1/4	160	127.2