

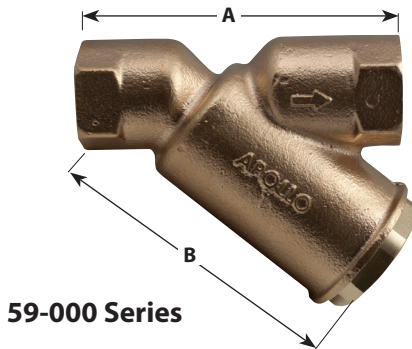
STRAINERS



STRAINERS

bronze "y"

YB (59) SERIES



New!



Large volume design for excellent protection against foreign particles in your fluid system. Corrosion-resistant bronze body and stainless steel screens provide years of service.

FEATURES

- Blowout ball valve option
- Operating pressure to 400 CWP at 150°F (up to 3")
- 125 psig SWP
- Removable self-aligning screen
- Large net flow area for longer maintenance intervals
- 59-400 Series is female x male NPT (3/4" & 1" only)
- CRN-OE 8959.5
- **Lead-Free** option (59LF) is NSF/ANSI 372 Lead Free
- Several screen and cap options
- **Made in USA, ARRA compliant**



STANDARD

Size (in.)	Standard Screen
1/8 to 1/2	50 Mesh
3/4 to 3	20 Mesh
4	.125 Perforation

OPTIONS

Suffix	Option
-01	Plain Cap
-02	Blowout Tap
-P2	Blowout with Plug
-06	Ball Valve
-E1	20 Mesh
-A1	40 Mesh
-B1	60 Mesh
-C1	80 Mesh
-H1	100 Mesh

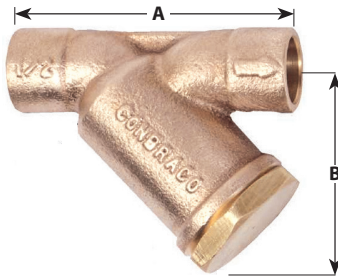
Ordering Number	LF Ordering Number	Model Number	Size	Dimensions		Cap Tapping Suffix -02	Wt./Ea. Lbs.	Net Screen Area (in.) ²
				A (in.)	B (in.)			
59-000-01	59LF-000-01	YB14	1/8 NPT	2.00	1.25	1/8 NPT	.4	2.3
59-001-01	59LF-001-01	YB14	1/4 NPT	2.00	1.25	1/8 NPT	.4	2.3
59-002-01	59LF-002-01	YB38	3/8 NPT	2.69	2.00	1/4 NPT	.8	3.2
59-003-01	59LF-003-01	YB12	1/2 NPT	2.69	2.00	1/4 NPT	.8	3.2
59-004-01	59LF-004-01	YB34	3/4 NPT	4.25	3.25	1/2 NPT	1.9	6.7
59-005-01	59LF-005-01	YB1	1 NPT	4.75	4.00	3/4 NPT	2.8	10.8
59-006-01	59LF-006-01	YB114	1-1/4 NPT	5.13	4.25	3/4 NPT	3.6	13.5
59-007-01	59LF-007-01	YB112	1-1/2 NPT	5.75	5.00	1 NPT	5.4	19.0
59-008-01	59LF-008-01	YB2	2 NPT	6.66	6.00	1-1/4 NPT	7.5	27.6
59-009-01	59LF-009-01	YB212	2-1/2 NPT	8.24	6.87	1-1/4 NPT	11.3	41.0
59-010-01	59LF-010-01	YB3	3 NPT	9	6.87	1-1/2 NPT	15.8	56.0
59-011-01	59LF-011-01	YB4	4 NPT	11.92	10.12	1-1/2 NPT	30.7	98
59-404-01	59LF-404-01	YBM34	3/4 F x MNPT	NA	3.25	1/2 NPT	2.0	6.7
59-405-01	59LF-405-01	YBM1	1 F x MNPT	NA	4.00	3/4 NPT	3.0	10.8

STRAINERS

bronze end "y"



YBS (59-300) SERIES



STANDARD

Size (in.)	Standard Screen
1/2	50 Mesh
3/4 to 3	20 Mesh

OPTIONS

Suffix	Option
-01	Solid cap (standard)
-02	Blowout Tap
-P2	Blowout with pipe plug

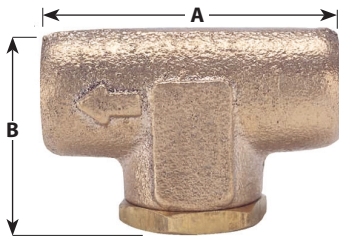
Designed with minimal wall thickness at solder ends to allow ease of installation. Corrosion-resistant bronze bodies, stainless steel screens with large screen area.

FEATURES

- Operating pressures to 400 CWP at 150°F
- Sizes: 1/2" to 3" copper tube size
- Optional tapped caps available
- **Lead-Free** option (59LF-300) is NSF/ANSI 372 Lead Free
- 59LF features EZ-Solder™ bronze

Series Number	LF Series Number	Size (in.)	Dimensions (in.)		Tapped Cap Suffix -02	Wt.	Net Screen Area (in. ²)
			A	B			
59-303-01	59LF-303-01	1/2	2.75	2.0	1/4 NPT	.50	3.19
59-304-01	59LF-304-01	3/4	4.00	3.0	1/2 NPT	1.21	6.7
59-305-01	59LF-305-01	1	4.75	3.5	3/4 NPT	1.89	10.8
59-306-01	59LF-306-01	1-1/4	5.25	4.0	3/4 NPT	2.80	13.5
59-307-01	59LF-307-01	1-1/2	6.00	4.4	1 NPT	4.26	19.0
59-308-01	59LF-308-01	2	7.25	5.1	1-1/4 NPT	6.27	27.6
59-309-01	59LF-309-01	2-1/2	9.50	5.6	1-1/2 NPT	11.00	41.0
59-310-01	59LF-310-01	3	10.50	6.7	1-1/2 NPT	15.0	56.0

YVB (59V) SERIES



"MINI" STRAINER

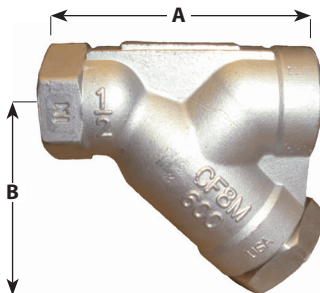
The body of the 59-V is corrosion-resistant solid cast bronze, ASTM B-584. The removable clean-out cap is solid brass, ASTM B-16. Standard screens are made of 304 stainless steel. **Not intended for potable water.**

FEATURES

- Cv Factor 1.42 GPM
- Working Pressure (non-shock): 400 CWP

Series Number	Size (in.)	Dimensions (in.)		Wt./100	Screen Mesh
		A	B		
59V-001-01	1/4 NPT	2.00	1.31	29.7	50
59V-001-H1	1/4 NPT	2.00	1.31	29.7	100

YSS (612) SERIES



STAINLESS STEEL "Y" STRAINERS

Sturdy and compact with corrosion-resistant stainless steel bodies and stainless steel screens.

FEATURES

- Body is ASTM A351 Stainless Steel Grade CF8M
- 20 mesh screen standard, others available
- Gasket 304 SS/Graphite on 1/2" to 1", (not available in 1-1/4" size)
- Working pressure: 600 psig @ 1124°F steam, 1440 psig @ 100°F water, oil, & gas
- Screen cover is NPT tapped for customer supplied plug or blow-off valve

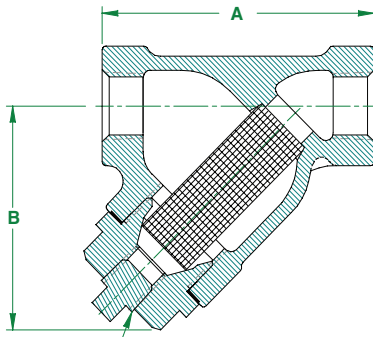
Series Number	Size (in.)	Dimensions (in.)		Blow-off NPT	Wt. (lbs.)	Net Screen Area (in. ²)
		A	B			
612-033-A1	1/2	3.38	2.75	3/8	2	5.4
612-034-A1	3/4	4.44	3.63	3/8	3.75	8.7
612-035-A1	1	4.88	3.75	1/2	4	12.7



STRAINERS

apollo international™

YCT SERIES



CAST IRON "Y" STRAINER

Install these durable strainers upstream in almost any application to protect valves, regulators, solenoids and meters from rust, dirt and pipe scale.

FEATURES

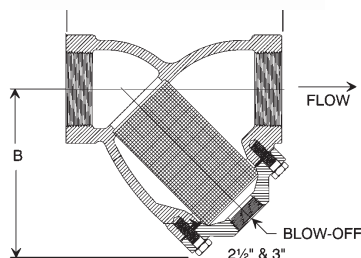
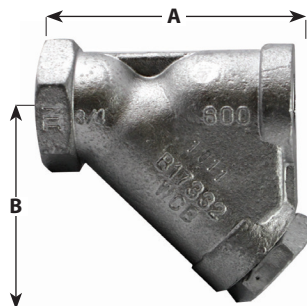
- 20 mesh screens standard to 2"; .045 perf 2-1/2" to 3", others available
- Graphite gasketed cover for easy screen cleaning
- Standard tapped cap with plug
- Sizes: 1/4" to 3"
- Connections are NPT to ASME/ANSI B1.20.1
- Working Pressure (non-shock)
250 psig @ 406°F. steam
500 psig @ 150°F. CWP

APPROVALS

- NSF/ANSI 372

Series Number	Size (in.)	Dimensions (in.)		Blow-off NPT	Wt. (lbs.)	Net Screen Area (in. ²)
		A	B			
YCT01M20	1/4	3.19 ± .04	2.17	1/4"	.44	2.8
YCT02M20	3/8	3.19 ± .04	2.24	1/4"	.57	2.8
YCT03M20	1/2	3.19 ± .04	2.76	3/8"	.75	2.8
YCT04M20	3/4	3.74 ± .06	2.83	3/8"	1.10	4.7
YCT05M20	1	4.2 ± .07	3.07	1/2"	1.90	7.0
YCT06M20	1-1/4	5.00 ± .07	3.62	1/2"	3.20	12.1
YCT07M20	1-1/2	5.75 ± .08	4.61	1/2"	4.59	16.4
YCT08M20	2	6.97 ± .08	4.69	1/2"	7.39	23.1
YCT09P045	2-1/2	9.21 ± .10	5.35	3/4"	10.56	55.0
YCT00P045	3	10.00 ± .10	5.91	3/4"	13.29	78.4

YCS/YCSW (612) SERIES



CARBON STEEL "Y" STRAINERS

Large volume area screen, reliable construction.

FEATURES

- Body is ASTM A216 carbon steel Grade WCB
- 20 mesh screen standard, others available
- Copper Gasket 1/2" to 1-1/2"; 304 SS/Graphite on 2"
- Working pressure: 600 psig @ 839°F steam, 1480 psig @ 100°F water, oil, & gas
- Screen cover is NPT tapped for customer supplied plug or blow-off valve

Series Number		Size (in.)	Dimensions (in.)		Blow-off NPT	Wt. (lbs.)	Net Screen Area (in. ²)
Threaded NPT	Socket Weld		A	B			
612023A1	612123A1	1/2	3.38	2.75	3/8	2	5.4
612024A1	612124A1	3/4	4.44	3.63	3/8	3.75	8.7
612025A1	612125A1	1	4.88	3.75	1/2	4	12.7
612027A1	612127A1	1-1/2	6.38	5.13	3/4	8.75	25.3
612028A1	612128A1	2	7.50	6.00	1	12	39.2

STRAINERS

call 125 cast iron WYE



YCF



New!



CLASS 125 CAST IRON WYE STRAINER

FEATURES

- Iron strainer with Flat Face flanges conforms to ASME/ANSI 16.1 Class 125
- One piece cast body meets ASME standard
- Lead Free - NSF 372 ANSI
- All models are epoxy coated with FDA approved materials
- Equipped with bolted cover employing flat gasket seal
- Upper and lower machined seats for screen for Self-Aligning Screen Design
- 304 SS perforated screens are standard, (P045 STD 2"-3", P125 STD 4"-12")
- Tapped Blow Off Connection with plug
- 100% Factory Pressure Tested

PERFORMANCE RATING

Working pressure (non-shock):

STEAM 150 PSIG @ 353°F

CWP 200 PSIG @ 150°F

MATERIAL SPECIFICATIONS

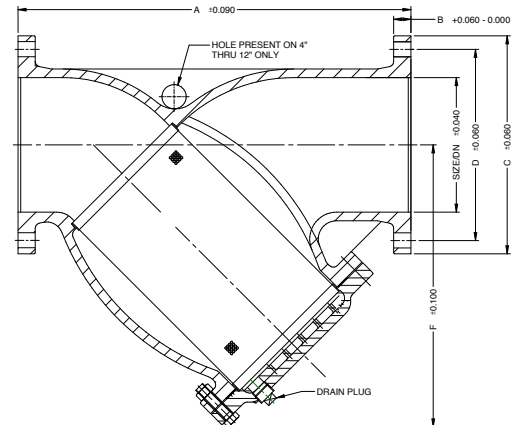
Body	Cast Iron, ASTM A126-B
Cap/Cover	Cast Iron, ASTM A126-B
Plug	Carbon Steel, ASTM A307
Bolt/Stud/Nut	Carbon Steel, ASTM A307
Screen	304 Stainless Steel
Gasket	Graphite
Coating	FDA Epoxy

OPTIONS (SUFFIX)

- ☐ (M20) – 20 MESH
- ☐ (M40) – 40 MESH
- ☐ (M80) – 80 MESH
- ☐ (M100) – 100 MESH
- ☐ (P045) – .045 PERF (Standard 2"-3")
- ☐ (P125) – 1/8" PERF (Standard 4"-12")

PHYSICAL SPECIFICATIONS

Part Number	Size/DN		A		B		C		D		E		F		Drain Plug		Weight	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	LBS.	KG.
YCF02P045E	2"	50	8.86	255	0.63	16	5.98	152	4.75	121	0.75	19	6.30	160	1/2"	4	23	11
YCF25P045E	2-1/2"	65	10.75	273	0.69	18	7.01	178	5.50	140	0.75	19	7.64	194	1"	4	34	15
YCF03P045E	3"	80	11.50	292	0.75	19	7.48	190	6.00	153	0.75	19	8.86	225	1"	4	47	21
YCF04P045E	4"	100	13.86	352	0.94	24	8.98	228	7.50	191	0.75	19	10.63	270	1-1/4"	8	72	33
YCF05P045E	5"	125	16.38	416	0.94	24	10.00	254	8.50	216	0.88	22	12.60	320	1-1/4"	8	111	50
YCF06P045E	6"	150	18.50	470	1.00	25	10.98	279	9.50	242	0.88	22	14.69	373	1-1/2"	8	150	68
YCF08P045E	8"	200	21.38	543	1.12	29	13.46	342	11.75	299	0.88	22	17.72	450	1-1/2"	8	235	107
YCF10P045E	10"	250	25.98	660	1.18	30	15.98	406	14.25	362	1.00	25	20.67	525	2"	12	369	168
YCF12P045E	12"	300	30.00	762	1.25	32	19.02	483	17.00	432	1.00	25	23.94	608	2"	12	552	250



PART NUMBERING MATRIX

