

Models: 861-SS, 862-SS, 861-SS-BC, 862-SS-BC**Cast Stainless Steel Screwed & Socket Weld End Y Strainers**
Sizes: 1/4" - 3" (3 - 80mm)**Pressure/Temperature - Non-Shock**

Model	Material	Rating
861SS, 862SS,	Stainless Steel	1440psi @-20°F to 100°F 99.28 bar @ 37.78°C
861SSBC 862SSBC		830psi @ 900°F 57.23 bar @ 482.22°C

Class 600**Screwed Cap****861-SS Screwed Class 600****862-SS Socket Class 600****Bolted Cap****861-SS-BC Screwed Class 600****862-SS-BC Socket Class 600**

Models 861-SS-BC, 862-SS-BC

Caps are normally furnished with blow off tapping without plugs. Socket weld or blind covers are available.

Typical Service

- Used extensively to strain foreign matter from pipelines and provide economical protection for costly pumps, meters, valves, and other similar mechanical equipment.
- These are especially critical as weld debris is often present in the pipeline.
- Well suited for long service in high pressure and temperature applications.

Features

- Machined seats in both body and cap align and lock the screen in place to stop sediment bypass.
- Machined seats facilitate alignment and accurate reseating after servicing.

Construction

- Straight threaded, gasketed cap is used for easy disassembly and assembly on models 861-SS, 862-SS. Many others use Loctite, rendering disassembly virtually impossible.
- Models 861-SS-BC and 862-SS-BC are furnished with a removable bolted cap for easy maintenance.
- Heavy duty, rugged bodies with extra heavy bore.

Self-Cleaning

- Self-cleaning is accomplished by opening the plug or valve connected to the blowoff outlet

Blowoff Outlets

- Outlets are NPT tapped
- Sizes of tapping specified on next page
- Not normally furnished with plug. Plug available, specify with order.
- Blind caps are also available, specify with order.

Capacity

- Generously proportioned bodies
- Open Area Ratio much greater than pipe size, ensuring low pressure drop.
- Minimum of 4 to 1 Open Area Ratio

Screens

MODEL	SIZES	STANDARD (WATER)		STEAM RECOMMENDATION	
		MATERIAL	OPENING	MATERIAL	OPENING
All	1/4" - 3"	304SS	.062 perf	304SS	.033 perf

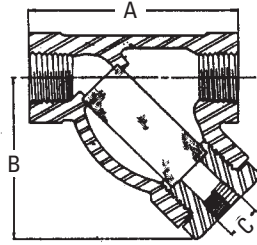
Material

	861-SS, 862-SS, 861SS-BC, 862SS-BC
Body	Stainless Steel, ASTM A351 Grade CF8M
Cap/Cover	Stainless Steel, ASTM A351 Grade CF8M
Gasket	Spiral Wound SS, Graphite Filled

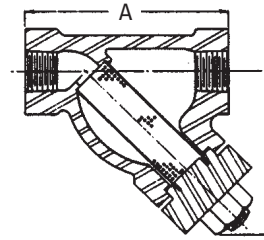
Pressure Drop

- See Pressure Drop Charts in Technical Data Section of the Mueller Steam Specialty Engineering binder.

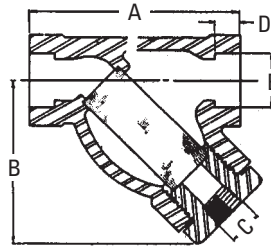
Dimensions and Weights



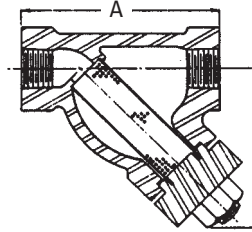
Model 861-SS



Model 861-SS-BC



Model 862-SS



Model 862-SS-BC

SIZE		DIMENSIONS										WEIGHT					
		A		B		C (NPT)		D		E		F		Screwed		Bolted	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
1/4	6	3	80	2 1/2	64	1/4	6	3/8	10	.555	14	CF	CF	1.5	.68	3	1.3
3/8	10	3	80	2 1/2	64	1/4	6	3/8	10	.690	17.5	CF	CF	1.5	.68	3	1.3
1/2	15	3 29/32	99	3 1/16	78	1/4	6	3/8	10	.855	21.7	3/4	83	2.25	1.02	3.25	1.4
3/4	20	4 1/4	108	3 5/8	92	3/8	10	1/2	13	1.065	27	4 1/4	108	3.75	1.7	4.25	1.9
1	25	4 15/16	125	4 1/4	108	1/2	15	1/2	13	1.330	33.8	4 5/8	117	6.5	2.9	7	3.1
1 1/4	32	5 5/8	143	4 5/16	109	3/4	20	1/2	13	1.675	42.5	5 1/2	140	8	3.6	10.25	4.6
1 1/2	40	6 1/4	159	5 3/16	132	3/4	20	1/2	13	1.915	48.6	6 1/4	159	10	4.5	16	7.2
2	50	7 1/2	191	6 1/8	156	1	25	5/8	16	2.406	61.1	7 1/4	184	14	6.3	21.75	9.8
2 1/2	65	12	305	N/A	NA	1 1/4	32	5/8	16	2.906	73.8	9 5/8	238	N/A	N/A	42.75	19
3	80	12	305	N/A	NA	1 1/4	32	5/8	16	3.535	89.8	9 5/8	238	N/A	N/A	43.25	19.6

Apply For Certified Drawings.

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