

# ***BRONZE Y STRAINER***

- ❖ Bronze Body
- ❖ Y Pattern
- ❖ Compact Design
- ❖ Stainless Steel Screen
- ❖ Inserted Cap
- ❖ Blow Off Top

**400 PSI NON-SHOCK WOG    150 PSI SWP**

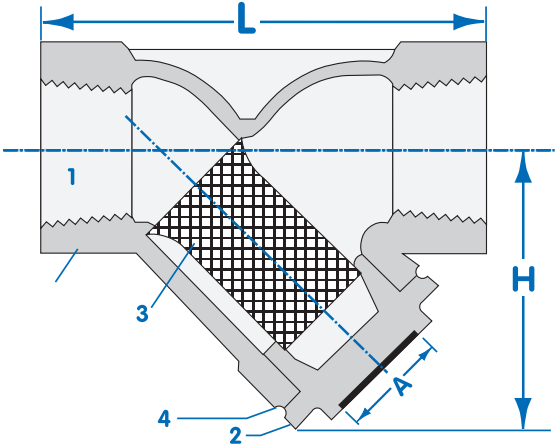
Applications: Install prior to valves, meters, pumps, etc. to protect them from dirt, rust and other water debris



Screen: Comes Standard With 40 Mesh Perforated  
Stainless Steel Screen Available Up To 100 mesh  
Threaded Ends Comply with ANSI B2.1  
Solder Ends Comply with ANSI B16.18  
ISO 9002

## DIMENSIONS & WEIGHTS

### Dimensions



### MATERIAL SPECIFICATIONS

NO.	PART	MATERIAL	ASTM SPEC
1	Body	Bronze	B62
2	Cap	Brass	B124
3	Screen	304 Stainless Steel	Commercial
4	Gasket	Non-Asbestos	Commercial

### Specifications

A wye-pattern, bronze strainer to be installed as indicated on the plans.

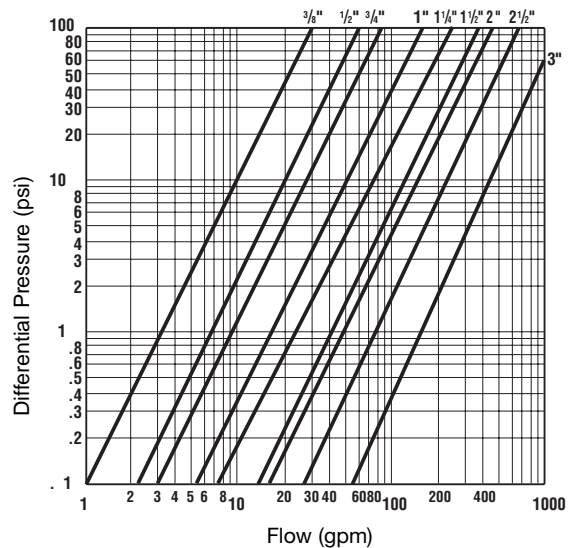
Strainer shall be rated to 400psi (27.6 bar) WOG; 125psi (8.6 bar) WSP for sizes 3/8"-2" (10-50mm) and 300psi (20.7 bar) @ 210°F (99°C); 125psi (8.6 bar) WSP @ 353°F (178°C) for sizes 2 1/2"-3" (65-80mm).

### Model:143A IPS

SIZE (DN)		DIMENSIONS						WEIGHT	
in.	mm	A		B		C		lbs.	kgs.
3/8	10	2 3/8	60	1 5/16	33	1/4	6	0.4	0.18
1/2	15	2 3/4	70	1 3/8	35	1/4	6	0.5	0.23
3/4	20	3 3/16	81	1 5/8	42	1/4	6	0.6	0.27
1	25	3 3/4	95	2 1/8	54	1/2	13	1.1	0.50
1 1/4	32	4 7/16	113	2 1/2	64	1/2	13	1.9	0.86
1 1/2	40	4 7/8	124	3	76	3/4	19	2.4	1.09
2	50	5 15/16	151	3 9/16	91	1	25	4.4	2.00
2 1/2	65	9 1/16	230	5 7/8	149	1/2	13	9.8	4.44
3	80	10 3/16	259	6 1/4	159	1/2	13	13.2	5.99

### Model:143A Solder Ends

SIZE (DN)		DIMENSIONS						WEIGHT	
in.	mm	A		B		C		lbs.	kgs.
1/2	15	2 3/4	70	1 3/8	35	1/4	6	0.4	0.18
3/4	20	3 3/8	86	1 5/8	42	1/4	6	0.6	0.27
1	25	3 3/4	95	2 1/8	54	1/2	13	0.9	0.41
1 1/4	32	4 9/16	116	2 1/2	64	1/2	13	1.5	0.68
1 1/2	40	5 5/16	135	3	76	3/4	19	1.9	0.86
2	50	6 1/8	156	3 3/16	91	1	25	3.3	1.50



Flow curves show flows (gpm) and pressure drop (psig) using standard 20 mesh screen.