

# CLASS 150 & 300 CAST BRONZE FLANGED "Y" STRAINERS

## MODELS: B8-150 & B8-300

WORKING PRESSURES: NON SHOCK		
STEAM:	B8-150	150 psi @ 405° F
	B8-300	300 psi @ 420° F
WOG:	B8-150	225 psi @ 150° F
	B8-300	500 psi @ 150° F

### SERVICE RECOMMENDATIONS

These strainers offer complete protection to pumps, meters, valves and other mechanical equipment. Installation of a strainer before any automatic equipment will ensure trouble free service and avoid costly repairs so often caused by the introduction of foreign matter into the pipeline.

### SCREENS

304 stainless steel screens are normally furnished in the following perforations:

**Steam Service:** .045"      **Liquid Service:** .062"

Other materials, such as Monel, Hastelloy-C, & Alloy-20 are available. Other perforation sizes and/or mesh lining is also available.

### CONSTRUCTION

Manufactured from 85-5-5-5 bronze (ASTM B62) because of its superior qualities in high temperature service. Also available in ASTM B61 (M-metal) Larger sizes have a flanged blowoff cap. Furnished flat faced and drilled.

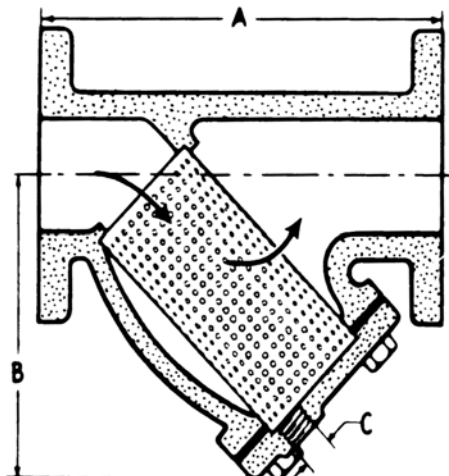
### BLOWOFF OUTLETS:

Tapped NPT, sizes specified below ("C" dimension). Not normally furnished plugged.

### MATERIALS:

Body & Cover:                      Bronze ATSM B62 (85-5-5-5)  
    Bronze ATSM B61 (M-metal)

### INDIVIDUALLY HYDROSTATICALLY TESTED



DIMENSIONS & WEIGHTS APPROXIMATE  
 (Apply for certified drawings)

SIZE	in.	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
	mm.	15	20	25	32	40	50	65	80	100	125	150	200	250	300
A	B8-150	5 7/8	7 3/8	7 3/8	7	7 1/8	8 7/16	10 1/16	11 3/4	14 1/4	17 3/4	18 5/8	24	27 5/8	32 1/2
	B8-300	6	7 13/16	7 13/16	8	8 1/8	9	10 5/8	12 1/2	15 1/8	18 5/8	19 1/8	25 3/16	29 1/8	34
B	B8-150	3 1/4	3 3/4	3 3/4	4 5/16	4 5/16	5 1/4	6 1/2	7	8 1/4	11 1/4	13 1/2	16 1/2	19 3/8	22 5/8
	B8-300	3 1/4	3 3/4	3 3/4	4 1/2	4 1/2	6	7 3/8	9 1/16	10 7/8	13 9/16	15 7/8	16 1/2	19 3/8	22 5/8
C	(NPT)	3/8	1/2	1/2	1/2	1/2	1/2	1	1 1/4	1 1/2	2	2	2	2	2
WT (lb.)	B8-150	12	13	13	17	17	28	38	64	84	140	160	296	473	684
	B8-300	17	18	18	26	26	32	48	75	110	164	212	359	502	712



Purple Engineering

### Australian Distributor:

Phone: +61-1300 62 40 20  
 Fax: +61-8-6323 0605  
 Email: info@PRPL.com.au  
 Skype: Purple.Engineering