



300 LB. CAST STAINLESS STEEL FLANGED & BUTTWELD "Y" STRAINERS

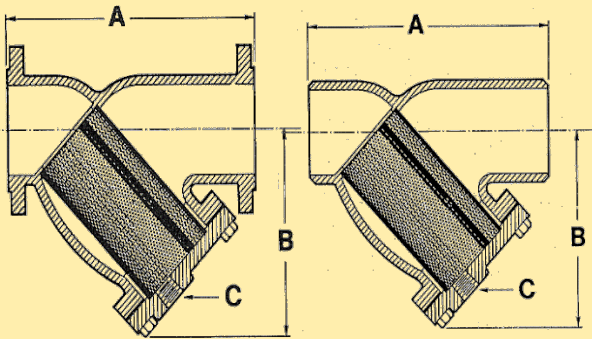
MODELS: S8-300 & S7-300



Model S8-300



Model S7-300



Each unit is 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"	14"
	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
A	S8-300	6 5/8	8 1/3	8 5/16	10 1/8	10 1/4	9 5/8	10 5/8	12	14 1/2	19 1/3	19 5/16	23 3/8	27 3/8	32	38
	S7-300	6 5/8	8 5/16	7 7/8	10 1/8	10 1/4	8 5/8	10 5/8	12	14 1/2	16 3/8	19 5/16	23 3/8	27 3/8	32	35
B	S8-300	3 1/2	3 3/4	3 3/4	5 1/2	5 1/2	5 1/4	6 1/2	7	8 1/4	11 1/4	13 1/2	15 3/4	19	21 3/4	25
	S7-300	3 1/2	3 3/4	5 1/2	5 1/2	5 1/2	5 1/4	6 1/2	7	8 1/4	11 1/4	13 1/2	15 3/4	19	22 1/4	25
C	NPT	3/8	1/2	1/2	1/2	1/2	1/2	1	1	1 1/2	2	2	2	2	2	2
WT (lb)	S8-300	7 1/2	12 1/2	14	26	26	26	40	53	94	162	185	260	410	635	1450
	S7-300	3	9	9	12	13	10	14	20	40	60	90	168	250	440	765
Cv		18	18	18	22	42	70	110	160	260	400	570	950	1600	2200	2400

PRESSURE-TEMPERATURE RATINGS	
STEAM:	300 psi @ 1125° F
WOG:	720 psi @ 100° F

SERVICE RECOMMENDATIONS

These strainers are designed for corrosive applications or cryogenic service, where carbon steel is not suitable. They offer complete protection to mechanical equipment such as pumps and valves at high temperatures and pressures. Self cleaning is easily accomplished by opening the plug or valve connected to the blow-off outlet (not supplied)

FEATURES

All sizes feature a bolted cover machined to receive the screen. Cover gaskets are stainless steel spiral wound. Studs are ASTM A193-B7. Covers are normally furnished with a blowoff tap, but, without a plug.

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

SERVICE:	1/2" - 4"	5" to 14"
Steam:	.033"	.045"
Liquid :	.062"	1/8"

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

CONSTRUCTION

As a standard, the body is constructed of Stainless Steel ASTM A351 Gr. CF8M. Both models are available in Alloy 20, Monel & Hastelloy C castings. The bodies of both the S8-150 & S7-150 are designed to meet 150 lb. ANSI specifications. Model S8-150 has RF flanges and model S7-150 ends are machined to match standard weight pipe. All models have machined seats in the body & cover to ensure accurate screen alignment.

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