

For Commercial and Industrial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series 97FB-CSSI

Cast 316 Stainless Steel, Flanged, Basket Strainers, Bolted Cover

Sizes: 2" – 12" (50-300mm)

Series 97FB-CSSI flanged basket strainers are for use in liquid applications only. Series 97FB-CSSI are furnished with a plugged blow-off connection and angle-designed baskets. Sizes 8" (200mm) and larger come with a side drain facing the outlet of the strainer. All sizes come with a bolted cover and PTFE gasket. These strainers may only be installed in a horizontal position.



97FB-CSSI

Features

- Cast 316 stainless steel body
- Angle-designed basket
- Flanged connections
- Stainless steel screen
- Stainless steel retainer cap with PTFE gasket
- Blow-off plug

Models

97FB-CSSIB bolted screen retainer cover

Standards

The dimensions and drilling of flanges conform to ANSI B16.1, Class 125 and Class 150 flanges.

Pressure (Non-Shock)-Temperature

Model 97FB-CSSIB Maximum Working Pressure:
275psi (19.0 bar) at 100°F (38°C) WOG

Materials

- Body:** ASTM A-351 Grade CF8M
cast 316 stainless steel
- Retainer Cap:** ASTM A-351 Grade CF8M
cast 316 stainless steel
- Screen:** 304 perforated stainless steel
- Cap Gasket:** PTFE
- Blow-off Plug:** ASTM A-351 Grade CF8M
cast 316 stainless steel

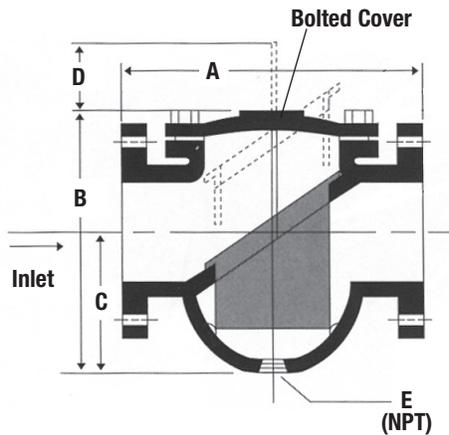
*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

Standard Screens

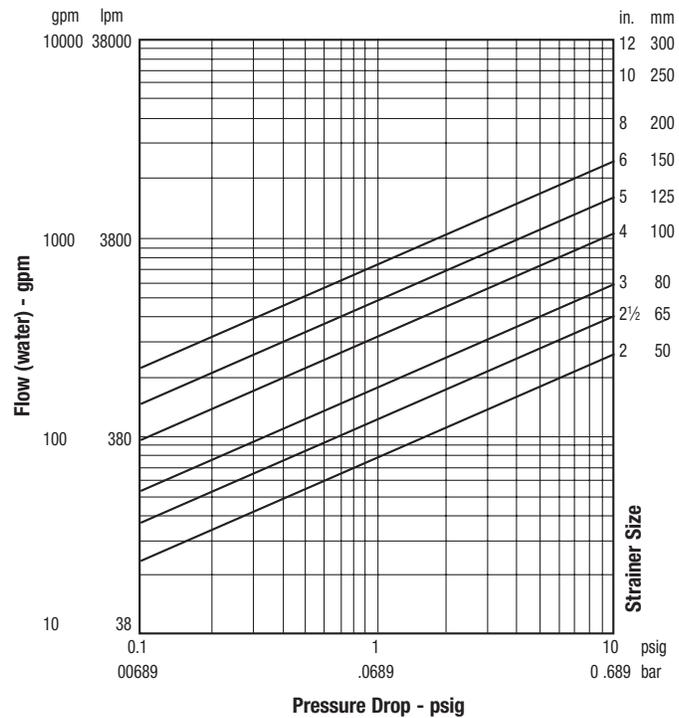
SIZE		OPENINGS		STANDARD SCREENS
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	
2 - 3	50-80	0.045	1.143	3/64" 304SS perf.
4 - 12	100-300	0.0125	0.317	1/8" 304SS perf.

Consult factory for information and availability of flanged basket strainers manufactured of cast iron or bronze, and cast or fabricated steel. Also available are threaded 1/2" - 2" (15-50mm) cast iron, steel, and st. steel basket strainers.



Performance Data

Table shows flow rates (gpm-water) at various pressure drops (psi) for standard screens.



Dimensions — Weights

SIZE		DIMENSIONS								REMOVAL CLEARANCE		WEIGHT	
<i>in.</i>	<i>mm</i>	A		B		C		D		E (NPT)		<i>lbs.</i>	<i>kgs.</i>
		<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>		
2	50	8 3/8	206	8 3/8	213	5	127	5 3/8	137	1	25	22	10.0
2 1/2	65	8 3/4	222	9 5/8	244	5 5/16	135	6 5/16	160	1	25	31	14.0
3	80	9 7/8	251	11 1/4	286	6 1/2	165	8	203	1	25	42	19.0
4	100	11 1/2	292	13 1/2	343	8	203	9 5/16	237	1	25	70	32.0
6	150	14 7/8	378	15 5/8	397	8 5/8	219	11 1/8	283	1 1/4	32	124	56.0
8	200	18 11/16	475	21	533	11 3/4	298	15 9/16	395	3/4	20	270	122.0
10	250	20 7/8	511	24 1/2	622	13 3/4	349	18	457	3/4	20	384	174.0
12	300	26 1/4	667	29 3/4	756	16 3/8	416	23 1/4	591	1	25	670	304.0

Dimensions shown are subject to change. Contact Watts for exact dimensions when required.

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A Watts Water Technologies Company



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