

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

**LEAD FREE\***

## Series 97FB-CSSIB

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

**Sizes: 2" – 6"**

Series 97FB-CSSIB 316 Stainless Steel Flanged Basket Strainers feature an angle-designed basket, cast 316 stainless steel body with flanged connections, stainless steel screen, bolted retainer cap and stainless steel blow off plug.

#### 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

#### 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

#### Pressure (Non-Shock) – Temperature

Maximum Working Pressure: 275psi (19.0 bar) at  
100°F (38°C) WOG

#### Standards

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



97B-CSSIB

**NOTICE**

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

**NOTICE**

Inquire with governing authorities for local installation requirements

**\*The wetted surface of this product contacted by consumable water contains less than 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.

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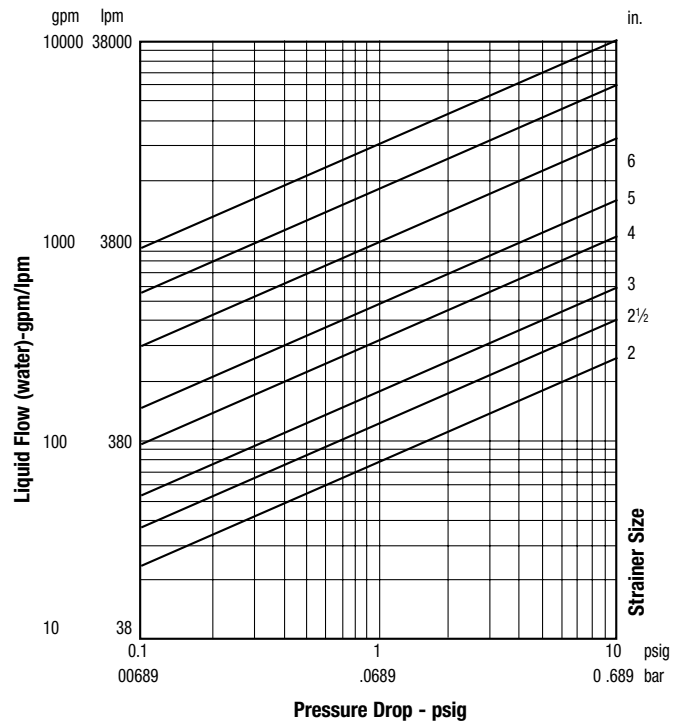
## Standard Screens

SIZE		OPENINGS		STANDARD SCREENS
<i>in.</i>	<i>in.</i>	<i>mm</i>		
2 - 3	0.045	1.143		3/64" 304SS perf.
4 - 6	0.0125	0.317		1/8" 304SS perf.

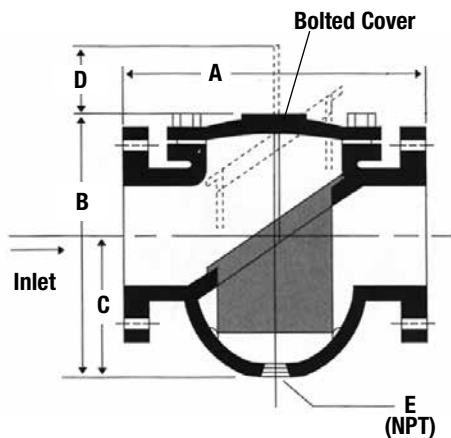
Consult factory for information and availability of flanged basket strainers manufactured of cast iron or bronze, and cast or fabricated steel. Also available are threaded 1/2" - 2" cast iron, steel, and stainless steel basket strainers.

## Performance Data

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



## Dimensions – Weights



SIZE	DIMENSIONS						REMOVAL CLEARANCE		WEIGHT			
	A		B		C		D		E (NPT)			
<i>in.</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>	<i>lbs.</i>	<i>kgs.</i>
2	8 3/8	206	8 3/8	213	5	127	5 3/8	137	1	25	22	10.0
2½	8 3/4	222	9 9/8	244	5 5/16	135	6 7/16	160	1	25	31	14.0
3	9 7/8	251	11 1/4	286	6 1/2	165	8	203	1	25	42	19.0
4	11 1/2	292	13 1/2	343	8	203	9 9/16	237	1	25	70	32.0
6	14 7/8	378	15 5/8	397	8 5/8	219	11 1/8	283	1 1/4	32	124	56.0

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



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