

## For Commercial and Industrial Applications

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

Contractor \_\_\_\_\_

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

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

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

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# LEAD FREE\*

## Series 88CSI

### Cast Steel Wye-Pattern Strainers, Threaded and Socket Weld Connections

**Sizes: 1/2" - 2" (15 - 50mm)**

Series 88-CSI Cast Steel Wye-Pattern Strainers with Threaded (Model 88CSI-T) or Socket Weld (Model 88CSI-SW) connections are used in liquid or steam applications. These strainers are manufactured overseas. Series 88-CSI has a machined seat that allows the screen to be self-aligning to assure a perfect fit. All sizes come with blowdown connection and an easily removable stainless steel screen. Blowdown plug is furnished.

#### Features

- Class 600 cast steel body
- Wye-pattern
- Threaded connections (Model 87CSI-T)
- Socket weld connections (Model 87CSI-SW)
- Self-aligning stainless steel screen
- Cast steel retainer cap is tapped and plugged
- Graphite-filled stainless steel spiral wound gasket

#### Models

88CSI-T threaded connections

88CSI-SW socket weld connections

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

##### Maximum Working Pressure:

600psi (41.4 bar) at 489°F (254°C) WSP

1480psi (102.0 bar) at 100°F (38°C) WOG

#### Materials

<b>Body:</b>	ASTM A-216 Grade WCB cast steel
<b>Retainer Cap:</b>	ASTM A-216 Grade WCB cast steel
<b>Screen:</b>	304 stainless steel
<b>Cap Gasket:</b>	Graphite-filled 304 stainless steel spiral wound



No. 88CSI

\*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.

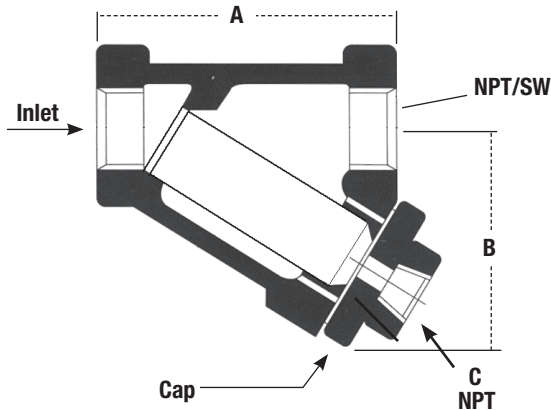
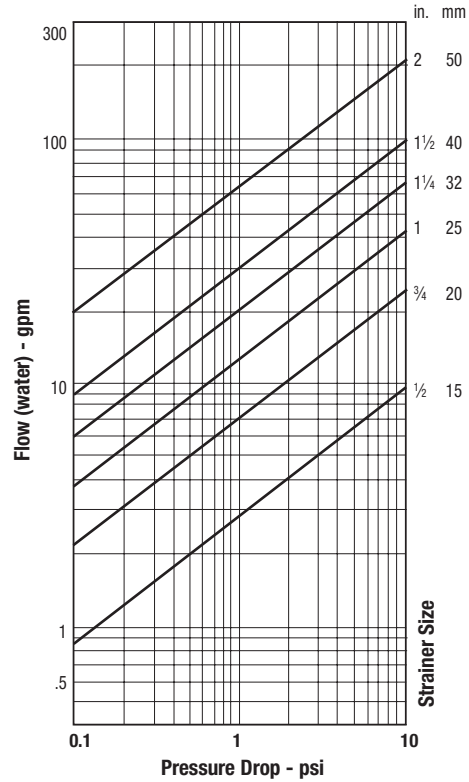
# WATTS®

## Standard Screens

SIZE		OPENINGS		STANDARD SCREENS
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	
1/2 - 1 1/2	15-40	0.032	0.813	1/32 304SS perf.
2	50	0.045	1.143	3/64 304SS perf.

## Performance Data

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



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## Flow-coefficient

The flow coefficient (Cv) is the number of gallons per minute of water flowing through a given size restriction at a pressure drop on one psi. To obtain the Cv factor for a given size strainer, read capacity at intersection with the one (1) psi pressure drop.

**Conversions:** For gpm to lpm, multiply by 3.8.  
For psi to bars, multiply by .069

## Dimensions — Weights

SIZE		DIMENSIONS						WEIGHTS	
<i>in.</i>	<i>mm</i>	A		B		C (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>		
1/2	15	2 <sup>15</sup> / <sub>16</sub>	75	2 <sup>1</sup> / <sub>4</sub>	57	1/4	8	2	.9
3/4	20	3 <sup>7</sup> / <sub>16</sub>	87	2 <sup>9</sup> / <sub>16</sub>	65	3/8	10	3	1.3
1	25	4 <sup>9</sup> / <sub>16</sub>	116	2 <sup>13</sup> / <sub>16</sub>	71	3/8	10	5	2.2
1 1/4	32	4 <sup>15</sup> / <sub>16</sub>	125	3 <sup>1</sup> / <sub>16</sub>	78	3/4	20	7	3.1
1 1/2	40	5 <sup>9</sup> / <sub>16</sub>	141	3 <sup>5</sup> / <sub>16</sub>	84	3/4	20	10	4.5
2	50	6 <sup>15</sup> / <sub>16</sub>	176	4 <sup>13</sup> / <sub>16</sub>	122	1	25	15	6.8

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

# WATTS®

A Watts Water Technologies Company



**ISO 9001-2000  
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