

## For Commercial and Industrial Applications

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

Contractor \_\_\_\_\_

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

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

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

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# LEAD FREE\*

## Series 88S Stainless Steel Wye-Pattern Strainers, Threaded Connections

Sizes: 1/4" – 2"

Series 88S Stainless Steel, Wye-Pattern Strainers with threaded connections are used in liquid or steam applications.

They are built for long service in corrosive, high pressure, and high temperature applications. The bottom-threaded cap is mated to the body with straight threads and is sealed off from contact with the media flowing through the strainer by a cap gasket. This prevents corrosion of the threads, thus enabling easy servicing and avoiding potential deterioration of the threads after an extended period. The cap is tapped for a closure plug. Closure plug is not provided.

### Features

- Class 600 stainless steel body
- Wye-pattern
- Threaded connections
- Stainless steel screen
- Stainless steel tapped retainer cap with graphite gasket

### Pressure (Non-Shock) – Temperature

Maximum Working Pressure:

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

1440psi (99.3 bar) at 100°F (38°C) WOG

### Materials

Body: ASTM A-351 Grade CF8M stainless steel

Retainer:

1/4" – 1" ASTM A-276 Grade 316 stainless steel

1 1/4" - 2" ASTM A-351 Grade CF8M stainless steel

Cap Gasket: Graphite fiber

Screen: Perforated stainless steel



88S

### 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.

**FLTR**  
Purple Engineering

**WATTS**<sup>®</sup>

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.

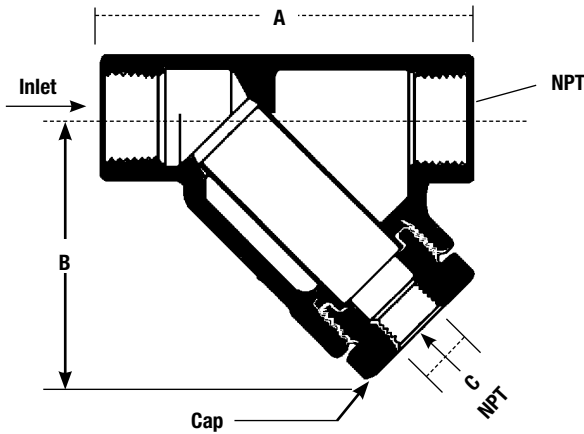
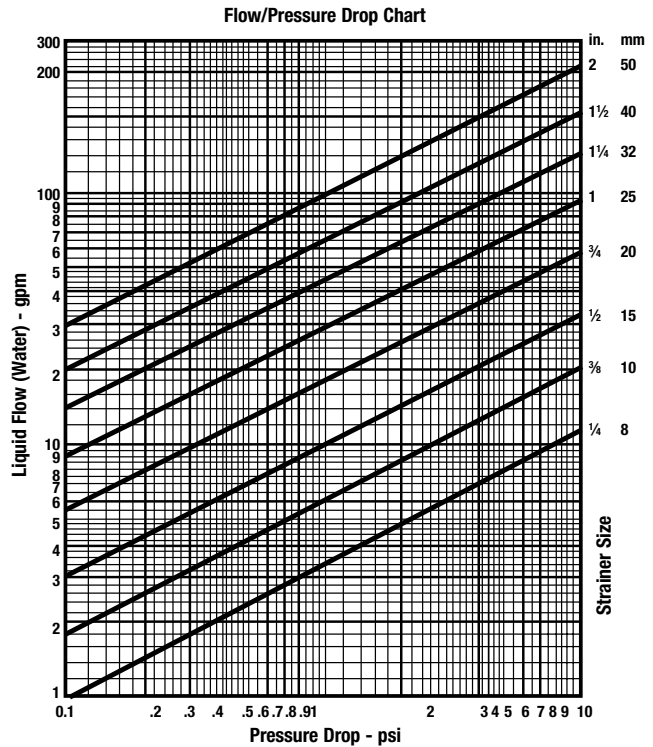
## Standard Screens

SIZE		OPENINGS		STANDARD SCREENS
<i>in.</i>	<i>in.</i>	<i>mm</i>		
1/4- 2	0.062	1.57		1/16" 304SS perf.

†Wire mesh liners are available to insert inside the standard 1/16" perforated screen.

## Performance Data

For standard 1/16" (1.6mm) perforated stainless screen.



## Flow-Coefficient:

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

To convert to atmospheres, multiply by .069.

To convert gpm to lpm, multiply by 3.8

For performance data on nonstandard screens and liners, please send for F-C77.

## Dimensions – Weights

SIZE		DIMENSIONS				WEIGHT		Cv Rating	
<i>in.</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>
1/4	3	76	2 1/4	57	1/4	8	1.3	.5	3 1/2
3/8	3	76	2 1/4	57	1/4	8	1.3	.5	6
1/2	3 9/16	97	2 5/8	67	1/4	8	2.1	.9	10 1/2
3/4	4 3/8	111	3 3/16	81	3/8	10	3.0	1.3	17
1	5 3/16	132	3 3/4	95	1/2	15	4.5	2.0	28
1 1/4	5 5/8	143	4 7/8	124	3/4	20	5.8	2.6	45
1 1/2	6 1/4	159	5	127	3/4	20	7.0	3.1	60
2	7 1/2	191	6 1/8	156	1	25	10.0	4.5	100

