

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" (8-50mm)

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.



No. 88S

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" (8mm-25mm) ASTM A-276 Grade 316
stainless steel

1 1/4" - 2" (32mm-50mm) ASTM A-351 Grade CF8M
stainless steel

Cap Gasket: Graphite fiber

Screen: Perforated stainless steel

*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.



Standard Screens

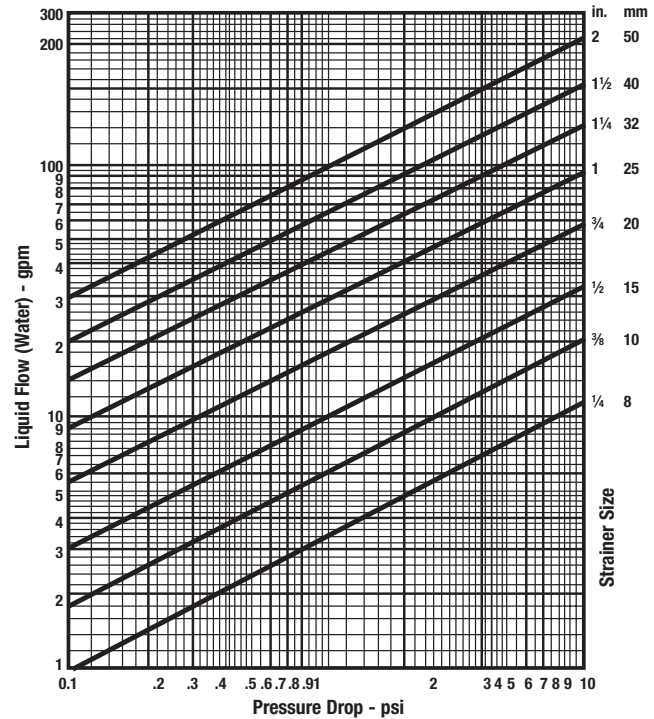
SIZE		OPENINGS		STANDARD SCREENS
in.	mm	in.	mm	
1/4-2	8-50mm	0.062	1.57	1/16" 304SS perf.

†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/Pressure Drop Chart



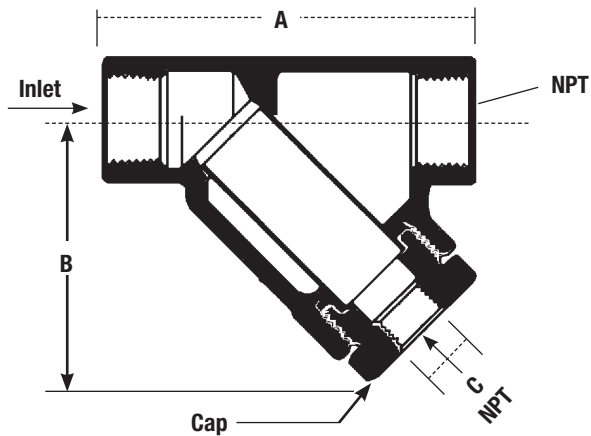
Flow-Coefficient:

The flow coefficient (Cv) is the number of gallons per minute of water flowing through a given size restriction at a pressure drop of one psi. To obtain the Cv 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				WEIGHTS			
in.	mm	A		B		C (NPT)		lbs.	Cv Rating
		in.	mm	in.	mm	in.	mm	kgs.	
1/4	8	3	76	2 1/4	57	1/4	8	1.3	3 1/2
3/8	10	3	76	2 1/4	57	1/4	8	1.3	6
1/2	15	3 13/16	97	2 5/8	67	1/4	8	2.1	10 1/2
3/4	20	4 3/8	111	3 3/16	81	3/8	10	3.0	17
1	25	5 3/16	132	3 3/4	95	1/2	15	4.5	28
1 1/4	32	5 5/8	143	4 7/8	124	3/4	20	5.8	45
1 1/2	40	6 1/4	159	5	127	3/4	20	7.0	60
2	50	7 1/2	191	6 1/8	156	1	25	10.0	100



A Watts Water Technologies Company



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