

For Liquid and Steam Service

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*

Series LF777SI, LFS777SI Wye-Pattern, Lead Free Brass Strainers

Sizes: $\frac{3}{8}$ " – 3" (10-75mm)

Series LF777SI, LFS777SI Wye-Pattern, Lead Free* brass strainers are designed to protect plumbing system components from dirt, rust and other damaging debris. The Series LF777SI and LFS777SI feature Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Lead Free* brass body and cap
- Wye-pattern
- Tapped retainer cap
- Closure plug
- Special flared screen opening on upstream end to provide unrestricted flow through the strainer

Models

LF777SI – $\frac{3}{8}$ " – 3" (10 – 80mm) threaded connections

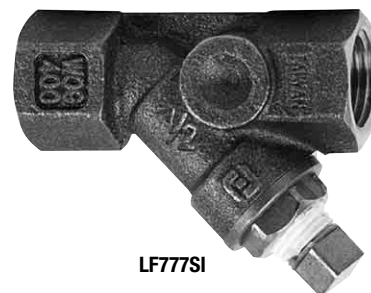
LFS777SI – $\frac{1}{2}$ " – 2" (15 – 50mm) solder connections†

Specifications

A wye-pattern, Lead Free* brass strainer to be installed as indicated on the plans. The strainer must have a tapped retainer cap and closure plug. Strainer shall be rated to 400psi (27.6 bar) WOG; 125psi (8.6 bar) WSP for sizes $\frac{3}{8}$ "-2" (10-50mm) and 300psi (20.7 bar) @ 210°F (99°C); 125psi (8.6 bar) WSP @ 353°F (178°C) for sizes $\frac{1}{2}$ "-3" (65-80mm). The strainer shall be constructed using Lead Free* brass. Lead Free* strainers shall comply with state codes and standards, where applicable, requiring reduced lead content. Strainer shall be a Watts Series LF777SI (threaded ends) or LFS777SI (solder ends).

Materials

Body: Lead Free* brass
 Retainer Cap: Lead Free* brass
 Plug: Lead Free* brass
 Gasket: NBR
 Standard Screen: #20 mesh, 304 stainless steel



Pressure – Temperature

Maximum Working Pressure:

$\frac{3}{8}$ "-2" (10-50mm)

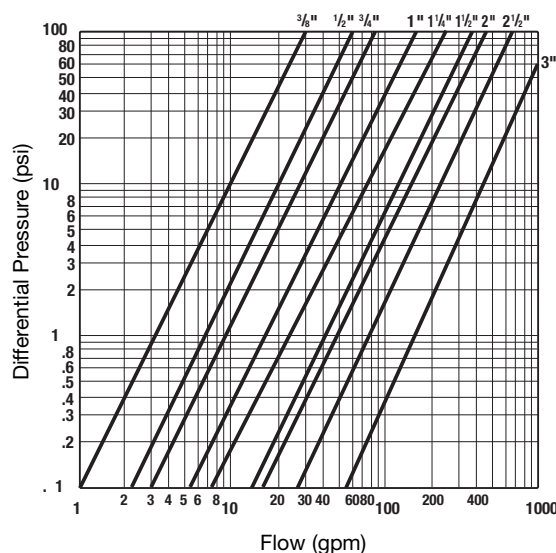
400psi (27.6 bar) WOG @ 210°F (99°C)

125psi (8.6 bar) WSP @ 353°F (178°C)

$\frac{1}{2}$ "-3" (65-80mm)

300psi (20.7 bar) WOG @ 210°F (99°C)

125psi (8.6 bar) WSP @ 353°F (178°C)



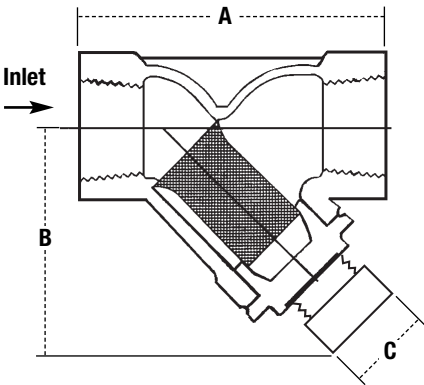
Flow curves show flows (gpm) and pressure drop (psig) through Watts Series 777SI, S777SI using standard 20 mesh screen.

*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®

Dimensions



LF777SI

SIZE (DN)		DIMENSIONS						WEIGHT	
in.	mm	A		B		C		lbs.	kgs.
		in.	mm	in.	mm	in.	mm		
3/8	10	2 3/8	60	1 5/16	33	1/4	6	0.4	0.18
1/2	15	2 3/4	70	1 3/8	35	1/4	6	0.5	0.23
3/4	20	3 3/16	81	1 5/8	42	1/4	6	0.6	0.27
1	25	3 3/4	95	2 1/8	54	1/2	13	1.1	0.50
1 1/4	32	4 7/16	113	2 1/2	64	1/2	13	1.9	0.86
1 1/2	40	4 7/8	124	3	76	3/4	19	2.4	1.09
2	50	5 15/16	151	3 9/16	91	1	25	4.4	2.00
2 1/2	65	9 1/16	230	5 7/8	149	1/2	13	9.8	4.44
3	80	10 3/16	259	6 1/4	159	1/2	13	13.2	5.99

LFS777SI

SIZE (DN)		DIMENSIONS						WEIGHT	
in.	mm	A		B		C		lbs.	kgs.
		in.	mm	in.	mm	in.	mm		
1/2	15	2 3/4	70	1 3/8	35	1/4	6	0.4	0.18
3/4	20	3 3/8	86	1 5/8	42	1/4	6	0.6	0.27
1	25	3 3/4	95	2 1/8	54	1/2	13	0.9	0.41
1 1/4	32	4 9/16	116	2 1/2	64	1/2	13	1.5	0.68
1 1/2	40	5 5/16	135	3	76	3/4	19	1.9	0.86
2	50	6 1/8	156	3 9/16	91	1	25	3.3	1.50



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