

For Liquid and Steam Service

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LF777,

LFS777

Wye-Pattern Lead Free* Bronze Strainers

Sizes: 1/4" – 4" (8-100mm)

Series LF777, LFS777 Wye-Pattern Lead Free* cast copper silicon alloy Strainers are designed to protect system components from dirt, rust and other damaging debris in the piping system. This series features a solid retainer cap with gasket. The LF777 and LFS777 features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Lead Free* cast copper silicon alloy body
- Wye-pattern
- Solid retainer cap with gasket

Models

LF777 – 1/4" – 4" (8 – 100mm) threaded connections

LFS777 – 1/2" – 2" (15 – 50mm) solder connections

Specifications

A wye-pattern Lead Free* cast copper silicon alloy strainer to be installed as indicated on the plans. The strainer must have a solid retainer cap with gasket. Strainer shall be rated to 400psi (27.6 bar) WOG @ 210°F (99°C); 125psi (8.6 bar) WSP @ 353°F (178°F) for sizes 1/4" – 3" (8 – 75mm) and 300psi (20.7 bar) WOG @ 210°F (99°C); 125psi (8.6 bar) @ 353°F (178°C) for size 4" (100mm). Lead Free* Wye-Pattern cast copper silicon alloy Strainers shall be constructed using Lead Free* materials. Lead Free strainers shall comply with state codes and standards, where applicable, requiring reduced lead content. Strainer shall be a Watts Series LF777 (threaded ends) or LFS777 (solder ends).

Materials

Body:	Lead Free* cast copper silicon alloy
Retainer Cap:	1/4" – 4" (8-100mm): Lead Free copper silicon alloy
Cap Gasket:	1/2" – 2" (15-50mm): EPDM Other sizes consult factory
Standard Screen:	1/2" – 2 1/2" (8-65mm): 304 stainless steel #20 mesh, 3" (75mm): 3/64" (1.2mm) 304 stainless steel perforated screen 4" (100mm): 1/8" (3mm) 304 stainless steel perforated screen



LF777



LFS777

BAA/ARRA Compliant**

**This product complies with the Buy American Act and The American Recovery and Reinvestment Act. For more information, visit watts.com.

Pressure – Temperature

Maximum Working Pressure:

1/4" – 3" (8-75mm)

400psi (27.6 bar) WOG @ 210°F (99°C)

125psi (8.6 bar) WSP @ 353°F (178°F)

4" (100mm)

300psi (20.7 bar) WOG @ 210°F (99°C)

125psi (8.6 bar) WSP @ 353°F (178°F)

*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

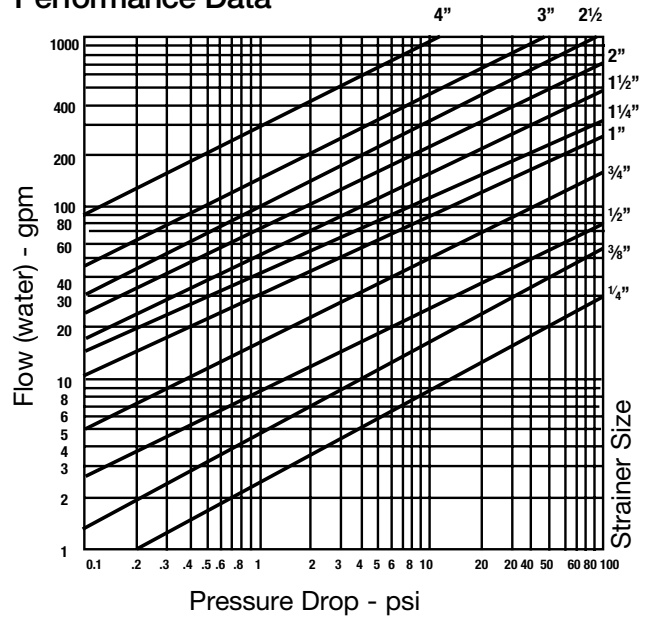
Screen Options

304 Stainless Steel Wire Mesh Liners:
(#30, #40, #60, #80, #100)

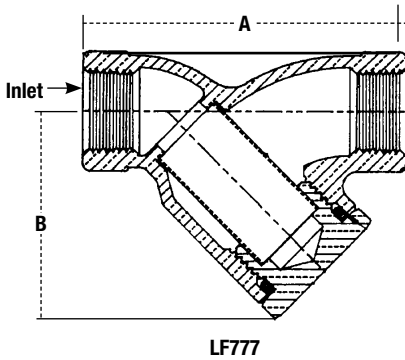
304 Stainless Steel Perforated Screens:
($\frac{1}{32}$ " , $\frac{3}{64}$ " , $\frac{1}{16}$ " , $\frac{1}{8}$ " , $\frac{3}{16}$ " , $\frac{1}{4}$ ")

Consult factory for ordering codes

Performance Data

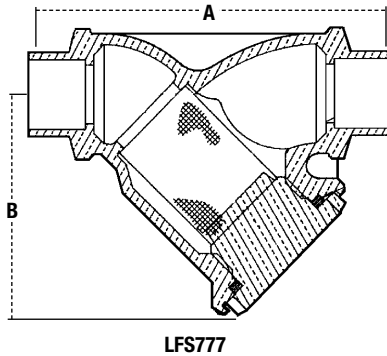


Dimensions – Weights



LF777

SIZE (DN)		DIMENSIONS				WEIGHT	
		A		B			
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kgs.</i>
$\frac{1}{4}$	8	$2\frac{1}{16}$	68	$1\frac{1}{16}$	43	1.7	0.77
$\frac{3}{8}$	10	$2\frac{1}{16}$	68	$1\frac{1}{16}$	43	1.7	0.77
$\frac{1}{2}$	15	3	76	2	51	1.7	0.77
$\frac{3}{4}$	20	$3\frac{5}{16}$	84	$2\frac{5}{16}$	59	1.7	0.77
1	25	$4\frac{1}{2}$	114	$2\frac{5}{16}$	59	2.7	1.22
$1\frac{1}{4}$	32	$5\frac{1}{8}$	130	$3\frac{1}{8}$	79	3.0	1.36
$1\frac{1}{2}$	40	$5\frac{1}{8}$	149	$3\frac{3}{4}$	95	4.0	1.81
2	50	$6\frac{3}{16}$	157	$4\frac{7}{8}$	124	7.4	3.36
$2\frac{1}{2}$	65	$8\frac{1}{8}$	206	$4\frac{15}{16}$	125	12.0	5.44
3	75	$10\frac{1}{8}$	257	$6\frac{1}{16}$	170	24.0	10.90
4	100	13	325	$10\frac{1}{2}$	267	41.0	18.60



LFS777

SIZE (DN)		DIMENSIONS				WEIGHT	
		A		B			
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>lbs.</i>	<i>kgs.</i>
$\frac{1}{2}$	15	$3\frac{3}{8}$	86	$2\frac{1}{16}$	52	1.5	0.68
$\frac{3}{4}$	20	$3\frac{3}{4}$	95	$2\frac{7}{16}$	63	1.6	0.73
1	25	5	127	3	76	2.5	1.13
$1\frac{1}{4}$	32	$5\frac{5}{8}$	143	$3\frac{1}{4}$	82	2.8	1.25
$1\frac{1}{2}$	40	$6\frac{7}{16}$	164	$3\frac{13}{16}$	97	4.0	1.81
2	50	$7\frac{1}{2}$	191	$4\frac{5}{8}$	118	7.4	3.39



A Watts Water Technologies Company



ISO 9001-2008
CERTIFIED

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