

For Liquid Service

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LF27

V-Pattern Lead Free* Bronze Threaded Strainers

Sizes: 1/8" – 1/2" (3-15mm)

Series LF27 V-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 is ideal for beverage dispensers, ice cube machines, dental equipment, instrument control systems and similar applications. The LF27 features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Lead Free* cast copper silicon alloy body
- V-pattern
- Lead Free* Brass retainer cap with gasket
- Threaded end connections

Pressure – Temperature

Maximum Working Pressure: 250psi (17.2 bar) CWP

Specifications

A V-pattern Lead Free* cast copper silicon alloy strainer to be installed as indicated on the plans. The strainer must have a Lead Free* brass retainer cap with gasket and threaded end connections. Strainer shall be rated to 250psi (17.2 bar) CWP. Strainer shall be a Watts Series LF27.

Materials

Body: Lead Free* Cast copper silicon alloy
 Retainer Cap: Lead Free* Brass with Gasket
 Screen: Stainless Steel

Performance Data

SIZE (DN)		PRESSURE DROP ACROSS VALVE									
in.	mm	psi		kPa		psi		kPa		psi	
		2	14	4	28	6	41	8	55	10	69
		gpm		lpm		gpm		lpm		gpm	
1/8	3	1.5	5.7	2.5	9.5	3.0	11.4	3.5	13.3	4.0	15.2
1/4	8	3.0	11.4	3.5	13.3	4.5	17.1	5.0	19.0	6.0	22.8
3/8	10	5.0	19.0	7.0	26.6	8.0	30.4	10.0	38.0	11.0	41.8
1/2	15	10.0	38.0	12.0	45.6	14.0	53.2	15.0	57.0	16.0	60.8

For performance factors on nonstandard screens and liners, please refer to ES-Screen.

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.



USA: Tel: (978) 688-1811 • Fax: (978) 794-1848 • www.watts.com

Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • www.watts.ca

ES-LF27 1315



LF27

Screen Options

304 Stainless Steel Wire Mesh Liners:

1/8" (3mm): #40, #60, #80, #100

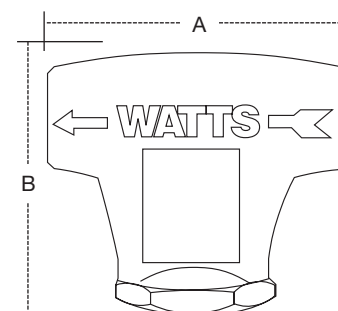
3/8" (10mm): #24, #30, #40, #60 #80, #100,

1/4" (8mm): #24, #30, #40, #60 #80, #100,

1/2" (15mm): #24, #40, #60, #100

Consult factory for ordering codes

Dimensions – Weights



SIZE (DN)		DIMENSIONS				WEIGHT		SCREEN
in.	mm	A		B		lbs.	kgs.	Mesh
		in.	mm	in.	mm			
1/8	3	1 3/4	44	1 1/16	37	0.38	0.17	#40
1/4	8	2 1/16	52	1 1/16	43	0.62	0.28	#30
3/8	10	2 1/2	64	2 3/16	56	0.75	0.34	#24
1/2	15	2 3/4	70	2 5/8	67	1.00	0.45	#24

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



A Watts Water Technologies Company