

Engineering Specification

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LF3L, LF53L Poppet Type Pressure Relief Valves for Protection Against Excessive Pressure

Sizes: LF3L: 3/4" LF53L: 1/2"

Series LF3L and LF53L are used for protection against excessive pressure on domestic storage tanks or tankless water heaters. Model LF53L has the same basic design as Model LF3L except it is furnished in 1/2" size and does not comply with ASME requirements. These Pressure Relief Valves are popularly used in conjunction with the Model LF210 gas shutoff valve on gas water heaters to shut off gas to heater if water heater temperature exceeds 210°F (99°C). The LF3L and LF53L features Lead Free* construction to comply with Lead Free* installation requirements.

Features

- Furnished with test levers
- Relieves excessive pressure on storage tanks
- Relieves excessive pressure on tankless water heaters
- Compatible with Model LF210 gas shutoff valves

Models

Solar LF3L Use in solar applications. Specify Z9 for stainless steel lever and pin or outside solar applications

Model LF3L Listed and certified by the National Board of Boiler and Pressure Vessel Inspectors to ASME section IV & by CSA to ANSI Z21.22/CSA 4.4

Model LF53L (Does not comply with ASME requirements) Listed and certified by CSA to ANSI Z21.22/CSA 4.4

Approvals



Materials

Body: LF3L - Lead Free* copper alloy
LF53L - Lead Free* cast copper silicon alloy
Spring: Stainless steel
Disc: Silicone

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.



LF3L



LF53L

Pressure

Pressure range: 75-150psi (5.2-10.3 bar)
Standard settings: 75, 100, 125 and 150psi
(5.2, 6.9, 8.6 and 10.3 bar)

NOTICE

Maximum system operating pressure must not exceed 75% of valve set pressure.

Dimensions – Weights

MODEL	SIZE		HEIGHT		WIDTH		WEIGHT	
	in		in	mm	in	mm	lbs.	gms
LF3L	3/4		3 1/64	80	1 5/32	40	1 3/32	181
LF53L	1/2		3 1/2	89	1 7/8	48	1/2	227

Capacity

MODEL	ASME CAPACITY (BTU/HR)				CSA CAPACITY (BTU/hr)
	75PSI	100PSI	125PSI	150PSI	
LF3L	200,000	257,000	314,000	370,000	200,000
LF53L	N/A	N/A	N/A	N/A	15,000

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.

USA: T: (978) 689-6066 • Watts.com

Canada: T: (888) 208-8927 • Watts.ca

Latin America: T: (52) 55-4122-0138 • Watts.com

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