

## For Residential, Commercial and Industrial Applications

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" (20mm) LF53L: 1/2" (15mm)

Series LF3L and LF53L are used for protection against excessive pressure on domestic storage tanks or tankless water heaters. Similar in construction to Watts Model LF10L, the Model LF3L has no temperature relieving element. Model LF53L has the same basic design as Model LF3L except it is furnished in 1/2" (15mm) size and does not comply with ASME requirements. Pressure range is 75-150psi (5.2-10.3 bar). Series LF3L and LF53L come in standard settings of 75, 100, 125 and 150psi (5.2, 6.9, 8.6 and 10.3 bar). 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

- LF3L - Lead Free\* copper alloy body
- LF53L - Lead Free\* cast copper silicon alloy body
- Furnished with test levers
- Relieves excessive pressure on storage tanks
- Relieves excessive pressure on tankless water heaters
- Model LF3L is ASME approved
- Model LF53L is CSA certified and is furnished in 1/2" size
- Compatible with Model LF210 gas shutoff valves

### Models

**Model LF3L** ASME construction/Tested, listed and certified by the National Board of Boiler and Pressure Vessel Inspectors

**Model LF53L** Does not comply with ASME requirements  
Listed and certified by CSA



LF3L



LF53L

### Materials

Body: LF3L - Lead Free\* copper alloy  
LF53L - Lead Free\* cast copper silicon alloy

Spring: Stainless steel

Disc: Silicone

### 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		VERSION
	in	mm	in	mm	in	mm	lbs.	gms.	
LF3L	3/4	20	3 1/64	80	1 5/32	40	1 3/32	181	M7
LF53L	1/2	15	3 1/2	89	1 7/8	48	1/2	227	M7

Model LF3L 3/4" (20mm) size CSA and ASME

\*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.

ISO 9001-2008  
CERTIFIED



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