

For Residential, Commercial and Industrial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 3L, 53L

Poppet Type Pressure Relief Valves for Protection Against Excessive Pressure

Sizes: 3L: 3/4" (20mm) 53L: 1/2" (15mm)

Series 3L and 53L are used for protection against excessive pressure on domestic storage tanks or tankless water heaters. Similar in construction to Watts Model 10L, the Model 3L has no temperature relieving element. Model 53L has the basic design as Model 3L except it is furnished in 1/2" (15mm) size and does not comply with A.S.M.E. requirements. Pressure range is 75-150psi (5.2-10.3 bar). Series 3L and 53L 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 210 gas shutoff valve on gas water heaters to shut off gas to heater if water heater temperature exceeds 210°F (99°C).

Features

- Bronze bodies
- Furnished with test levers
- Relieves excessive pressure on storage tanks
- Relieves excessive pressure on tankless water heaters
- Model 3L is ASME approved
- Model 53L is CSA certified and is furnished in 1/2" size
- Compatible with Model 210 gas shutoff valves

Models

Solar 3L Use in solar applications. Specify Z9 for stainless steel lever and pin or outside solar applications.

Model 3L ASME construction/Tested, listed and certified by the National Board of Boiler and Pressure Vessel Inspectors

Model 53L Does not comply with ASME requirements/Listed and certified by CSA

Model 53 Model 53L without test lever

FP-53L Use in fire protection grid systems. Protects against excessive pressure from thermal expansion or line surge. UL listed. Set at 175psi, 185psi, 260psi, & 310psi. For additional information, request literature ES-FP534.



3L



53L

Materials

Body: Bronze
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)

NOTE: On all the above pressure relief valves, pressure setting should be not less than 25-30 lbs. above the maximum service main pressure.

Dimensions-Weights

MODEL	SIZE		HEIGHT		WIDTH		WEIGHT		VERSION
	in	mm	in	mm	in	mm	lbs.	gms.	
3L	3/4	20	3 1/2	89	1 3/4	44	5/8	284	M7
53L	1/2	15	3 1/2	89	1 7/8	48	1/2	227	M7

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

NOTE: 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.

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