

Engineering Specification

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" 53L: 1/2"

Series 3L and 53L are used for protection against excessive pressure on domestic storage tanks or tankless water heaters. Model 53L has the basic design as Model 3L except it is furnished in 1/2" size and does not comply with A.S.M.E. requirements. 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

- Furnished with test levers
- Relieves excessive pressure on storage tanks
- Relieves excessive pressure on tankless water heaters
- Compatible with Model 210 gas shutoff valves

Models

Model 3L 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 53L (Does not comply with ASME requirements)
Listed and certified by CSA to ANSI Z21-22/
CSA 4.4

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.



3L



53L

Approvals

ASME*, CSA, NB* (*3L only)



Materials

Body: 3L – Brass
53L – 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)

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.	
3L	3/4	3 11/64	80	1 5/32	40	1 3/32	181	
53L	1/2	3 1/2	89	1 7/8	48	1/2	227	

Capacity

	ASME CAPACITY (BTU/HR)				CSA CAPACITY (BTU/HR)
	75PSI	100PAI	125PSI	150PSI	
3L	200,000	257,000	314,000	370,000	200,000
53L	N/A	N/A	N/A	N/A	15,000

NOTICE

Inquire with governing authorities for local installation requirements.

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: T: (978) 689-6066 • Watts.com

Canada: T: (888) 208-8927 • Watts.ca

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