

For Fire Protection Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Model FP53L

Pressure Relief Valve

Size: 1/2" (15mm)

Watts No. FP53L is designed for use in fire protection grid systems to provide protection against excessive water pressure caused by thermal expansion or line surge. It is available in 175psi (12.1 bar), 185psi (12.8 bar), 260psi (17.9 bar) and 310psi (21.4 bar) pressure relief settings and can be installed horizontally or vertically. Bronze body construction with stainless steel spring to inhibit corrosion. The valve is constructed with a precision stem guide to ensure proper reseating. The test lever affords periodic manual testing and flushing of waterways and seating surfaces.

Features

- Underwriters Laboratory listed
- Forged stainless steel spring
- Bronze body construction for superior strength and to prevent corrosion
- Manual test lever
- Valve stem is guided to enhance reseating
- 1/2" (15mm) male inlet x female outlet
- Pressure settings: 175psi (12.1 bar), 185psi (12.8 bar), 260psi (17.9 bar) and 310psi (21.4 bar)

Specifications

For applications requiring a UL approved relief valve to provide pressure relief protection from water pressure in excess of 175psi (12.1 bar). Each valve shall be bronze body construction with forged stainless steel spring. It shall have a test lever and the valve shall be guided to enhance reseating and to decrease chance of the seat being misaligned. Watts Model No. FP53L.

Dimensions — Weight

MODEL	SIZE		HEIGHT		WIDTH		WEIGHT	
	in.	mm	in.	mm	in.	mm	lbs.	kgs.
FP53L	1/2	15	3 1/2	89	1 7/8	48	1/2	.23



1/2" NPT
Male Outlet

1/2" NPT
Female Outlet



Pressure Relief Valves should be tested periodically to ensure that the product has not been affected by corrosive water conditions and to ensure that the valve and discharge piping have not been altered or tampered with.

WARNING

This device is designed for emergency safety relief and shall not be used as an operating control.

Note: This information 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.

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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