

# Installation

## Model 530C and LF530C

### Calibrated Pressure Relief Valve

## Model 53, LF53, 111 and LF111

### Pressure Relief Valves

#### WARNING



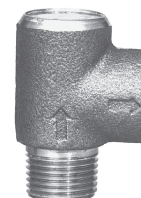
Read this Manual BEFORE using this equipment. Failure to read and follow all safety and use information can result in death, serious personal injury, property damage, or damage to the equipment. Keep this Manual for future reference.



No. 530C



No. 53



No. 111

### Installation Guidelines

#### Model 53 and LF53 Pressure Relief Valves

For pressure relief only. Furnished without a lever. 1/2" female drain. Pressure range 75-175psi (5.17-12.06 bar). Setting 50, 75, 125 and 150psi (3.45, 5.17, 8.61 and 10.34 bar).

#### Series 530C and LF530C

##### Calibrated Pressure Relief Valves

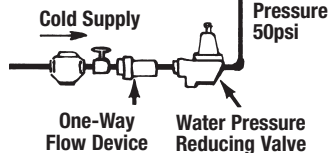
Calibrated adjustment allows for setting valve to required pressure relief. Adjustable range 50-175psi (3.45-12.06 bar). The Series 530C and LF530C is ideal for bypass thermal expansion pressure relief.

These valves are not an ASME approved safety relief valves and should not be used in system applications with this requirement.

### Auxiliary (Bleeder) Pressure Relief Valve for Thermal Expansion Relief

#### Purpose

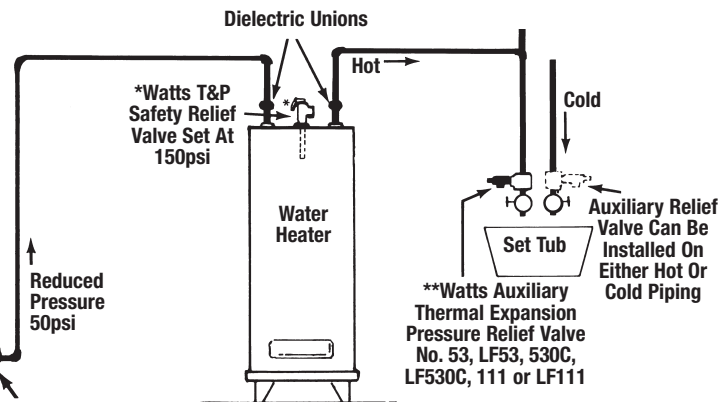
Auxiliary (bleeder) pressure relief valve is set approximately 25psi (172 kPa) lower than heater T&P valve and eliminates unnecessary and frequent relief from hot water heater T&P relief valve. This protects the system from thermal expansion pressure buildup during times when reducing valve thermal



expansion bypass is ineffective due to high inlet water pressure. The adjustable Series 530C and LF530C is preferred to provide a range of settings adaptable to any installation. Some national and regional codes require maximum static (no-flow) pressure at any fixture to be not more than 80psi (5.5 bar).

#### Location

Install auxiliary (bleeder) pressure relief valve downstream of the reducing valve, in any convenient location where slight spillage is not objectionable. If spillage is frequent, install to drain in set tubs or other drain location.



\*T&P valve should be set according to tank working pressure or local code requirements.  
\*\*Only where code approved. NOTE: Resulting system pressure will be as high as bleeder valve setting (usually 125psi).

**Limited Warranty:** Watts Regulator Co. (the "Company") warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge.

**THE WARRANTY SET FORTH HEREIN IS GIVEN EXPRESSLY AND IS THE ONLY WARRANTY GIVEN BY THE COMPANY WITH RESPECT TO THE PRODUCT. THE COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE COMPANY HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

Some States do not allow limitations on how long an implied warranty lasts, and some States do not allow the exclusion or limitation of incidental or consequential damages. Therefore the above limitations may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State to State. You should consult applicable state laws to determine your rights. **SO FAR AS IS CONSISTENT WITH APPLICABLE STATE LAW, ANY IMPLIED WARRANTIES THAT MAY NOT BE DISCLAIMED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF ORIGINAL SHIPMENT.**



**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  
For more information: [www.watts.com/prop65](http://www.watts.com/prop65)



A Watts Water Technologies Company

USA: Tel: (978) 688-1811 • Fax: (978) 794-1848 • [www.watts.com](http://www.watts.com)

Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • [www.watts.ca](http://www.watts.ca)