

Model 530C and LF530C Calibrated Pressure Relief Valve Model 53, 30L and 111 Pressure Relief Valves

Installation Instructions

Model 53 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

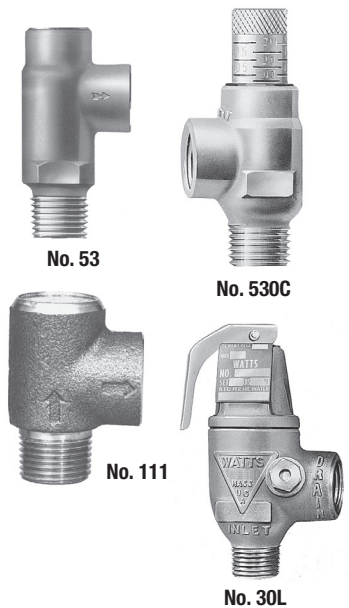
Calibrated adjustment allows for setting valve to required pressure relief. Adjustable range 50-175psi (3.45-12.06 bar). The Series 530C is ideal for bypass thermal expansion pressure relief. This valve is not an ASME approved safety relief valve and should not be used in system applications with this requirement.

Series 30L Pressure Relief Valves

For pressure relief only. Pressure range 75 to 150psi (5.17-10.34 bar). Not diaphragm actuated. Std. setting 100, 125 and 150psi (6.90, 8.61 and 10.34 bar).

30L-Z1 - 1/2" 75psi (5.17 bar) - Well system relief valve. Capacity: 20 gpm at 10psi over pressure (85psi).

111/111L - 1/2" & 3/4" (15 & 20mm) pressure relief valve only. The 111L is furnished with a lever. Standard setting is 125psi (6.9 bar), max. temperature 180°F (82°C).



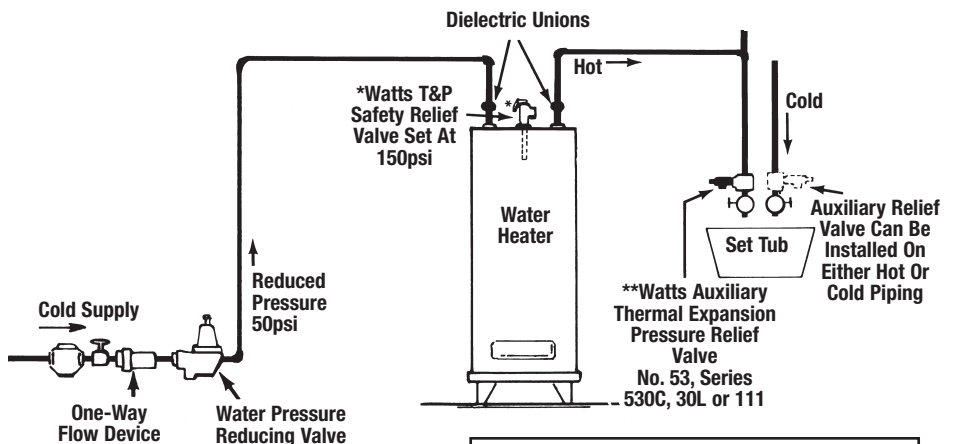
Auxiliary (Bleeder) Pressure Relief Valve for Thermal Expansion Relief

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 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).

CALIFORNIA PROPOSITION 65 WARNING

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)

For more information: www.watts.com/prop65

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