

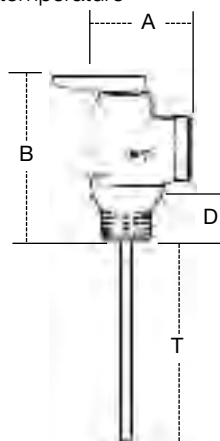
Series 1L, 1XL, 10L and 100XL (1/2" , 3/4")

Self-closing T&P Safety Relief Valves for Hot Water Storage Tanks and Heaters

- These combined two-in-one Temperature and Pressure relief valves provide the least expensive and proven means for protection against both excessive temperature and pressure emergency conditions
- Fully automatic temperature and pressure relief protection for domestic hot water supply tanks and heaters based on the latest ANSI Z21.22 listing requirements for temperature discharge capacity
- Reliable and proven means of protection against excessive temperature and pressure build-up in domestic hot water systems
- Includes test lever
- For water heaters from 15,000 to 105,000 BTU/hr
- NPT male inlet and female outlet

Note: See pg. 25 for information on domestic expansion tanks (DET) to control thermal expansion in domestic water closed systems.

For additional information, request literature ES-10L, ES-100XL, ES-SL100XL/L100XL/LL100XL/ LLL100XL.



100XL

Standards

- ANSI Z21.22 and ASME Section IV Rated†, CSA Listed.

Specifications

- Temperature Relief: 210°F (99°C). Pressure Relief Range: 75 – 150psi (5.2 – 10.3 bar). Standard Pressure Relief Settings: 75psi (5.2 bar), 100psi (6.9 bar), 125psi (8.6 bar) or 150psi (10.3 bar)

MODEL	SIZE (DN)		DIMENSIONS (APPROX.)								WEIGHT		CSA Temp. Steam Rating BTU/hr.
	in.	mm	A		B		D		T		oz.	gm.	
1L2†	1/2	15	1 3/4	43	3 1/2	89	7/8	22	2	50	10	284	15,000
1XL†	1/2	15	1 3/4	43	3 1/2	89	7/8	22	3	76	12	340	15,000
1XL-8†	1/2	15	1 3/4	43	3 1/2	89	7/8	22	8	203	16	454	15,000
10L-2	3/4	20	1 3/4	43	3 1/2	89	1 1/8	29	2	50	10	284	80,000
100XL	3/4	20	1 3/4	43	3 1/2	89	1 1/8	29	3	76	12	340	105,000
100XL-8	3/4	20	1 3/4	43	3 1/2	89	1 1/8	29	8	203	14	397	105,000
L100XL-3	3/4	20	1 3/4	43	4 1/4	108	2 1/8	41	3	76	12	340	105,000
SL100XL	3/4	20	1 3/4	43	4 3/8	111	1 1/4	32	3 1/2	89	12	340	105,000
LL100XL	3/4	20	1 3/4	43	4 3/4	121	2	50	2 1/2	64	12	340	105,000
LLL100XL-Z5	3/4	20	1 3/4	43	5 1/4	133	2 1/2	64	2 1/8	54	12	340	105,000

A = overall width of the valve. **B** = overall height of the valve, with lever closed, not including thermostat element length. **D** = length of shank, from shoulder under outlet orifice overhang to inlet orifice edge. **T** = length of thermostat element, measured from inlet orifice edge to end of thermostat.

Set @ 150psi (10.3 bar). Consult your local Watts Agent or call Customer Service at (978) 689-6066 for ordering codes of valves with pressure relief settings of 75, 100, 125psi (5.2, 6.9, 8.6 bar).

†1/2" (15mm) valves are not ASME rated.

Series 210-5 (3/4")

Immersion-Type, Temperature Gas Shutoff for Hot Water Storage Heaters.

- Protects against excessive temperatures in gas water heaters
- Shuts off the gas supply to the water heater in the event that the water temperature reaches 210°F (98.9°C)
- Used in conjunction with Model 3L pressure relief valve, p.20
- Models L210-5 M2, LL210-5 M2, LLL210-5 feature extended shanks for use with heaters containing up to 3" of insulation
- Tank connection 3/4" (20mm) NPT male
- Gas inlet and outlet connection 1/2" (15mm) NPT female

Specifications

- Design certified by CSA
- CSA ratings: natural gas 150,000 BTU/hr., liquefied petroleum gas 243,000 BTU/hr

For additional information, request literature ES-210-5.

