

NCLX T&P Relief Valve

DESCRIPTION

Cash Acme NCLX Combination Temperature and Pressure Relief Valves are designed for the protection of water heaters and storage tanks.

Cash Acme NCLX Valves are designed to meet local codes and are ideal for all domestic water heater applications.

Cash Acme NCLX Valves are completely automatic and reseal after either temperature or pressure relief. They are offered in 1/2" and 3/4" sizes with male inlets and female outlets. The **NCLX Valve** incorporates an innovative "white coat" thermal element coating, an inert covering that provides effective isolation from mineral deposits (liming) and galvanic corrosion, offering many years of dependable safety protection.

Cash Acme NCLX Valves come with standard factory pressure relief setting of 125 or 150 psi. The 3/4" **NCLX-5** is also available in a 175 psi factory setting.

Five models are available which have extended length bodies (**NCLX-5S, NCLX-5L, NCLX-5LX, NCLX-LS** and **NCLX-A**) for use with super-insulated water heaters. The **NCLX Series Relief Valves** feature a cast bronze body, brass and stainless steel internal parts, silicone seat disc and stainless steel pressure spring.

FEATURES AND BENEFITS

Incorporates an inert thermal element coating:

Provides effective isolation from mineral deposits (liming) and galvanic corrosion.

Completely automatic and reseats after temperature or pressure relief:

Ideal for all domestic water heater applications.

Listed by CSA and ASME:

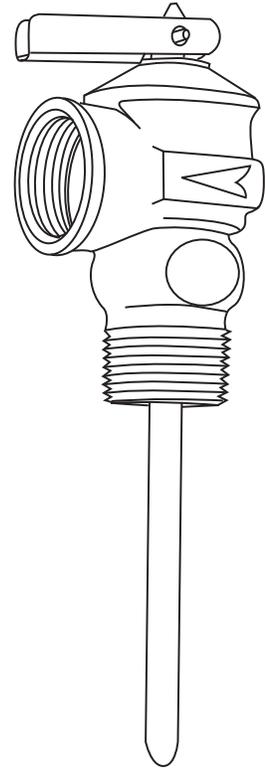
Inspector friendly, peace of mind!

Every valve is tested for performance prior to shipping:

Specify and install with confidence!

SPECIFICATION

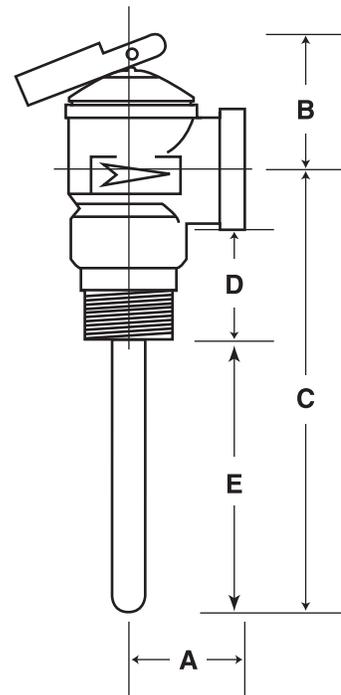
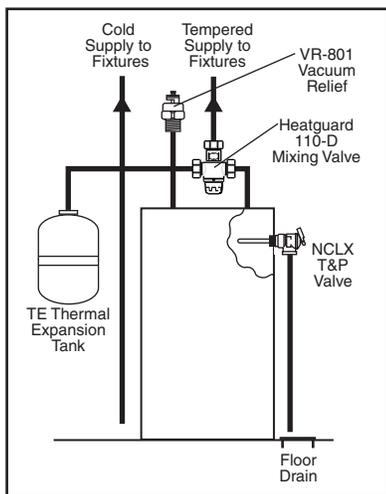
A temperature and pressure relief valve shall be installed to protect the water heater or water storage tank from excessive temperature or pressure. The valve shall be ASME and CSA listed and shall be design certified per ANSI Z21.22. The valve shall have a BTU rating in excess of the input rating of the water heater in which it is installed. The valve shall be a **Cash Acme NCLX T&P Relief Valve**.



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TYPICAL INSTALLATION

Recognized authorities specify a temperature actuated relief valve installed in such a manner that the temperature sensing element is in contact with hot water in the **top-six inches** of the tank. This is a **necessary** safety precaution due to temperature stacking – to insure that the temperature element is sensing the hottest water in the top of the tank.



SPECIFICATION DATA

Performance:

Available set pressures 75, 125, 150 and 175 psi
 Maximum temperature 210°F
 Service Hot water

Materials:

Body Bronze
 Internal Parts Brass and stainless steel
 Seat Disc Silicone
 Pressure Spring Stainless steel
 Diaphragm (FCLX) EP

Type	Size	DIMENSIONS				
		A	B	C	D	E
NCLX - 1	1/2"	1-1/8"	1-5/8"	3-3/16"	1-3/16"	1-7/16"
NCLX - 1	3/4"	1-1/4"	1-5/8"	3-3/16"	1-3/16"	1-5/16"
NCLX - 5	1/2"	1-1/8"	1-5/8"	4-7/8"	1-3/16"	3-1/8"
NCLX - 5	3/4"	1-1/4"	1-5/8"	4-7/8"	1-3/16"	3-3/32"
NCLX - 5S	3/4"	1-1/4"	1-5/8"	4-7/8"	1-1/2"	2-3/4"
NCLX - 5L	3/4"	1-1/4"	1-5/8"	4-7/8"	2-3/32"	2-1/8"
NCLX - 5LX	3/4"	1-1/4"	1-5/8"	4-7/8"	2-5/16"	1-7/8"
NCLX - LS	3/4"	1-1/4"	1-5/8"	4-7/8"	2-5/8"	1-9/16"
NCLX - A	3/4"	1-1/4"	1-5/8"	4-7/8"	3-5/16"	7/8"
NCLX - 8	3/4"	1-1/4"	1-5/8"	9-3/4"	1-3/16"	7-7/8"

CONNECTIONS

Threaded (NPT) Male inlet and female outlet

CERTIFICATIONS

Cash Acme NCLX Relief Valve are certified to ANSI Z21.22 and CSA 4.4 and are capacity certified to ASME Boiler code Sect IV. (1/2" sizes are CSA listed only).

CSA, A.S.M.E. RATINGS

Type	Size	CSA Rating (btu/hr)	A.S.M.E Rating AT 125 & 150(btu/hr)
NCLX - 1	1/2"	15,000	–
NCLX - 1	3/4"	95,000	500,000
NCLX - 5	1/2"	15,000	–
NCLX - 5	3/4"	105,000	500,000
NCLX - 5S	3/4"	105,000	500,000
NCLX - 5L	3/4"	105,000	500,000
NCLX - 5LX	3/4"	105,000	500,000
NCLX - LS	3/4"	105,000	500,000
NCLX - A	3/4"	105,000	500,000
NCLX - 8	3/4"	105,000	500,000