



## TEMPERATURE & PRESSURE RELIEF VALVES

### NCLX

#### RESIDENTIAL

The NCLX features include a cast bronze body, brass and stainless steel internal parts, silicone seat disc and stainless steel spring. The NCLX incorporates an inert thermal element coating that provides effective isolation from mineral deposits (liming). The NCLX comes standard with a test lever. The valve is completely automatic and reseats after either temperature or pressure relief. The NCLX is available in male inlets and female outlets with several options in shank and element lengths.

#### FEATURES AND BENEFITS:

- Incorporates an inert thermal element coating to provide 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
- Every valve is tested for performance prior to shipping

#### PERFORMANCE:

Available Set Pressures 150 psi standard\*  
(75, 100, 125, and 175 psi available for select models; see Rating Table)

\*Other pressure settings may be available. Contact Customer Service.

Temperature Relief 210°F (98.9°C) standard  
[180°F (82.2°C) available for select models; see Rating Table]

Service Hot Water

#### APPLICATIONS:

Provides temperature and pressure protection for domestic water heater and storage tanks.

#### AVAILABLE CONNECTIONS:

Threaded (NPT) Male inlet and female outlet

#### APPROVALS AND LISTINGS:

CSA Listed to ANSI Z21.22/CSA 4.4; NB listed to ASME Boiler Code Section IV (1/2" sizes are CSA Listed Only).

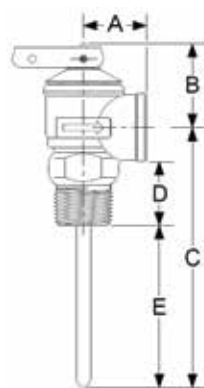
CSA (ANSI Z21.22/CSA 4.4) & ASME (BOILER CODE SECTION IV) RATINGS							
Type	Size (NPS)	CSA Rating (BTU/hr)	ASME Rating at Pressure Setting Indicated				
			75 psig (BTU/hr)	100 psig (BTU/hr)	125 psig (BTU/hr)	150 psig (BTU/hr)	175 psig (BTU/hr)
NCLX-1	1/2"	15,000	-	-	N/R	N/R	-
NCLX-1	3/4"	95,000	300,000	-	500,000	500,000	N/R
NCLX-5	1/2"	15,000	-	-	N/R	N/R	-
NCLX-5	3/4"	105,000(1)	300,000	N/R(2)	500,000	500,000	N/R(2)
NCLX-5L	3/4"	105,000	-	-	-	500,000	-
NCLX-5LX	3/4"	105,000	-	N/R(2)	500,000	500,000	-
NCLX-5S	3/4"	105,000	-	-	-	500,000	-
NCLX-LS	3/4"	105,000	-	-	-	500,000	-
NCLX-A	3/4"	105,000	-	N/R(2)	-	500,000	-
NCLX-8	3/4"	105,000	-	-	500,000	500,000	-

(1) For 3/4" NCLX-5 at 175 psig CSA Rating is 95,000 BTU/hr.

(2) The 100 psig pressure set is only offered with the 180°F temperature relief.

(3) N/R indicates Type is available but Not ASME Rated at the indicated pressure set.

DIMENSIONS (inches)						
Type	Size (NPS)	A	B	C	D	E
NCLX-1	1/2	1-3/32	1-9/16	3-3/16	1-3/16	1-7/16
NCLX-1	3/4	1-5/32	1-9/16	3-3/16	1-3/16	1-5/16
NCLX-5	1/2	1-3/32	1-9/16	4-7/8	1-3/16	3-1/8
NCLX-5	3/4	1-5/32	1-9/16	4-7/8	1-3/16	3-1/16
NCLX-5L	3/4	1-5/32	1-9/16	4-7/8	2-3/32	2-1/8
NCLX-5LX	3/4	1-5/32	1-9/16	4-7/8	2-5/16	1-7/8
NCLX-5S	3/4	1-5/32	1-9/16	4-7/8	1-1/2	2-11/16
NCLX-LS	3/4	1-5/32	1-9/16	4-7/8	2-5/8	1-9/16
NCLX-A	3/4	1-5/32	1-9/16	4-7/8	3-5/16	7/8
NCLX-8	3/4	1-5/32	1-9/16	9-3/4	1-3/16	7-7/8



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### NCLX CONT.

PRODUCT DESCRIPTION	PART NUMBER
<b>NCLX RESIDENTIAL TEMPERATURE &amp; PRESSURE RELIEF VALVES</b>	
1/2" NCLX-1	16483-0150
3/4" NCLX-1	16487-0150
1/2" NCLX-5, AGA only	15912-0150
3/4" NCLX-5	15836-0150
3/4" NCLX-5L	18821-0150
3/4" NCLX-5LX	19783-0150
3/4" NCLX-5S	21343-0150
3/4" NCLX-LS	19084-0150
3/4" NCLX-8	16372-0150
3/4" NCLX-8 with Extended Shank	24971-0150
3/4" NCLX-A	22348-0150
3/4" NCLX-5 for Water Heaters using PEX Pipe ASME, 180 F Element	22830-0100
3/4" NCLX-5LX for Water Heaters using PEX Pipe ASME, 180 F Element	22831
3/4" NCLX-A for Water Heaters using PEX Pipe ASME, 180 F Element	22832
<b>TEMPERATURE AND PRESSURE RELIEF VALVE WITH SHARKBITE OUTLET CONNECTION</b>	
3/4" NCLX-5LX w/ SharkBite Outlet Connection	24609-0150
<b>LEAD FREE NCLX RESIDENTIAL TEMPERATURE &amp; PRESSURE RELIEF VALVES CLAM SHELL PACKAGED</b>	
3/4" NCLX-5	23576-0150
3/4" NCLX-LX	23577-0150
<b>LEAD FREE NCLX RESIDENTIAL TEMPERATURE &amp; PRESSURE RELIEF VALVES</b>	
1/2" NCLX-1	23277-0150
3/4" NCLX-1	23279-0150
1/2" NCLX-5, AGA only	23278-0150
3/4" NCLX-5	23261-0150
3/4" NCLX-5L	23354-0150
3/4" NCLX-5LX	23266-0150
3/4" NCLX-5S	23263-0045
3/4" NCLX-LS	23268-0150
3/4" NCLX-8	23272-0150
3/4" NCLX-A	23270-0150

