

Pressure Safety Relief Valves

Application

Designed for use on hot water space heating boilers, water supply heaters and storage tanks. These valves are designed for use on hot or cold water service only and are not to be used for steam.

Standards Compliance

ASME listed and rated



Materials

Main valve body Seat disc Diaphragm Springs

Cast Bronze Silicone EPDM Stainless Steel, 300 Series

NB

Typical Installation

Local codes shall govern installation requirements. Unless otherwise specified, the relief valve shall be installed in accordance with manufacturers' instructions and the latest edition of the Uniform Plumbing Code ®. CAUTION: Relief valves are designed to discharge water, should the proper conditions arise. In order to prevent water damage, relief valves must be plumbed outside the building or to an approved, safe drain as described by the Uniform Plumbing Code.

Features

Sizes: 3/4", 1", 1 1/4", 1 1/2", 2"

Connections: Female NPT inlet and outlet

Pressure Setting Range	30-150 PSI
Temperature Rating	212°F

Dimensions & Weights (do not include pkg.)

DIMENSIONS (approximate)							SHIPPING	
SIZE	A B		С		WEIGHT			
	in.	mm	in.	mm	in.	mm	lbs.	kg
3/4" X 3/4"	1 1/2	38	3 1/4	83	1 3/4	45	1 1/3	0.6
1" X 1"	1 5/8	41	4 7/16	113	1 1/8	29	2 1/3	1.0
1 1/4" X 1 1/4"	2 1/16	52	5 7/8	149	1 1/2	38	3 1/3	1.5
1 1/2" X 1 1/2"	2 15/32	63	5 7/8	149	1 5/8	41	4 1/3	2.0
2" X 2"	3	76	7	178	2 7/8	73	4 1/3	2.0



Accessories

- Expansion tank (Model XT)
- Water pressure reducing valve (Model 80CI)
- Backflow Preventer (Model 760)





A.S.M.E. RELI	A.S.M.E. RELIEF CAPACITIES AT STANDARD SETTINGS BTU/HR STEAM RELIEF								
Relief Settings	3/4" x 3/4"	1" x 1"	1 1/4" x 1 1/4"	1 1/2" x 1 1/2"	2" x 2"				
30 psi	717,000	1,025,000	1,704,000	2,085,000	3,902,000				
50 psi	1,048,000	1,498,000	2,490,000	3,047,000	5,701,000				
75 psi	1,462,000	2,090,000	3,472,000	4,249,000	7,951,000				
100 psi	1,875,000	2,680,000	4,454,000	5,451,000	10,200,000				
125 psi	2,289,000	3,271,000	5,437,000	6,653,000	12,450,000				
150 psi	2,703,000	3,862,000	6,419,000	7,855,000	14,700,000				

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