



Model P3000BR

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	Cast Bronze
Seat disc	Silicone
Diaphragm	EPDM
Springs	Stainless Steel, 300 Series



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.

Accessories

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

Features

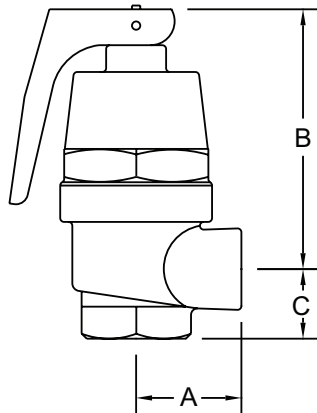
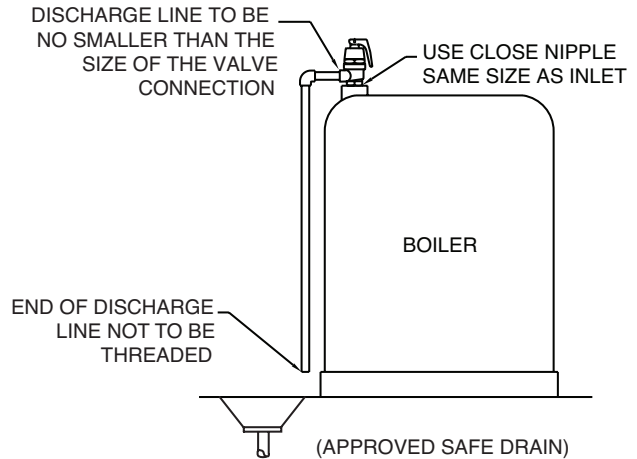
Sizes: 3/4", 1", 1 1/4", 1 1/2", 2"

Connections: Female NPT inlet and outlet

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

Dimensions & Weights (do not include pkg.)

SIZE	DIMENSIONS (approximate)						SHIPPING WEIGHT	
	A		B		C		lbs.	kg
	in.	mm	in.	mm	in.	mm		
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



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