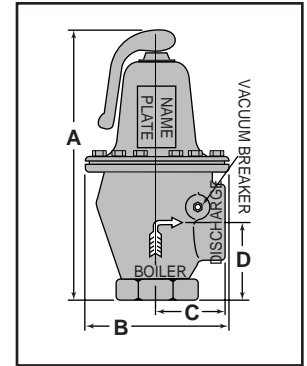
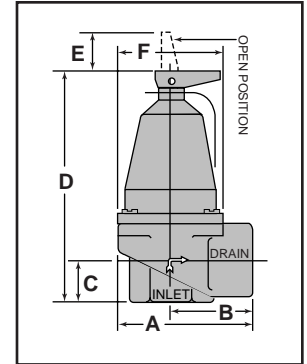


Valves

Series 250 Pressure Relief Valves

- For tanks and hydronic heating systems
- Protects against over-pressure
- Minimizes hammering with flash steam
- Low differential pressure – 3 psi (.21 kg/cm²) between opening and closing
- Meets ASME Pressure Vessel and Boiler Code, Section IV
- Sizes and material
 - 3/4" - 1" NPT – bronze body and seat
 - 2" NPT – cast iron body, brass seat
- EPDM rubber diaphragm and seat disc
- Maximum temperature 250°F (121°C)
- Maximum operating pressure range 30 - 125 psig (2.1 - 8.8 kg/cm²)



Dimensions, in. (mm)

Size NPT	A	B	C	D	E	F
3/4	2 9/16 (65)	1 1/2 (38)	3/4 (20)	4 9/16 (116)	1 1/32 (26)	2 3/32 (53.2)
1	2 7/8 (73)	1 3/4 (45)	7/8 (22)	4 15/16 (125)	1 1/32 (26)	2 1/4 (57)
2	6 (152)	2 7/8 (73)	3 1/4 (83)	11 (279)	—	—

Series 250
Pressure Relief Valves

Performance

Model Number	Opening Pressure psig (kg/cm ²)	ASME Rating BTUH (K-Calories)
250-3/4IN-15	15 (1)	515,000 (2,043)
250-3/4IN-30	30 (2.1)	790,000 (3,134)
250-3/4IN-36	36 (2.5)	900,000 (3,571)
250-3/4IN-40	40 (2.8)	973,000 (3,861)
250-3/4IN-45	45 (3.2)	1,065,000 (4,226)
250-3/4IN-50	50 (3.5)	1,160,000 (4,603)
250-3/4IN-60	60 (4.2)	1,252,000 (4,968)
250-3/4IN-75	75 (5.3)	1,615,000 (6,409)
250-3/4IN-100	100 (7)	2,075,000 (8,234)
250-3/4IN-125	125 (8.8)	2,535,000 (11,059)
250-1IN-15	15 (1)	770,000 (3,056)
250-1IN-30	30 (2.1)	1,170,000 (4,642)
250-1IN-36	36 (2.5)	1,330,000 (5,278)
250-1IN-40	40 (2.8)	1,437,000 (5,702)
250-1IN-45	45 (3.2)	1,575,000 (6,250)
250-1IN-50	50 (3.5)	1,710,000 (6,786)
250-1IN-65	65 (4.6)	2,110,000 (8,373)
250-1IN-75	75 (5.3)	2,385,000 (9,464)
250-1IN-100	100 (7)	3,060,000 (12,142)
250-1IN-125	125 (8.8)	3,735,000 (14,821)
250-2IN-30	30 (2.1)	4,100,000 (16,270)
250-2IN-36	36 (2.5)	4,600,000 (18,254)
250-2IN-40	40 (2.8)	5,000,000 (19,841)
250-2IN-45	45 (3.2)	5,500,000 (21,825)
250-2IN-50	50 (3.5)	5,900,000 (23,412)

Ordering Information

Model Number	Part Number	Description	Weight lbs. (kg)
250-3/4IN-15	181220	Relief Valve 3/4 NPT, 15 psi (1 kg/cm ²)	1.3 (.6)
250-3/4IN-30	181225	Relief Valve 3/4 NPT, 30 psi (2.1 kg/cm ²)	1.3 (.6)
250-3/4IN-36	181325	Relief Valve 3/4 NPT, 36 psi (2.5 kg/cm ²)	1.3 (.6)
250-3/4IN-40	181405	Relief Valve 3/4 NPT, 40 psi (2.8 kg/cm ²)	1.3 (.6)
250-3/4IN-45	181425	Relief Valve 3/4 NPT, 45 psi (3.2 kg/cm ²)	1.3 (.6)
250-3/4IN-50	181525	Relief Valve 3/4 NPT, 50 psi (3.5 kg/cm ²)	1.3 (.6)
250-3/4IN-60	181905	Relief Valve 3/4 NPT, 60 psi (4.2 kg/cm ²)	1.3 (.6)
250-3/4IN-75	181625	Relief Valve 3/4 NPT, 75 psi (5.3 kg/cm ²)	1.3 (.6)
250-3/4IN-100	181725	Relief Valve 3/4 NPT, 100 psi (7 kg/cm ²)	1.3 (.6)
250-3/4IN-125	181825	Relief Valve 3/4 NPT, 125 psi (8.8 kg/cm ²)	1.3 (.6)
250-1IN-15	181920	Relief Valve 1 NPT, 15 psi (1 kg/cm ²)	1.5 (.7)
250-1IN-30	181925	Relief Valve 1 NPT, 30 psi (2.1 kg/cm ²)	1.5 (.7)
250-1IN-36	182025	Relief Valve 1 NPT, 36 psi (2.5 kg/cm ²)	1.5 (.7)
250-1IN-40	182030	Relief Valve 1 NPT, 40 psi (2.8 kg/cm ²)	1.5 (.7)
250-1IN-45	182125	Relief Valve 1 NPT, 45 psi (3.2 kg/cm ²)	1.5 (.7)
250-1IN-50	182225	Relief Valve 1 NPT, 50 psi (3.5 kg/cm ²)	1.5 (.7)
250-1IN-65	182235	Relief Valve 1 NPT, 65 psi (4.6 kg/cm ²)	1.5 (.7)
250-1IN-75	182325	Relief Valve 1 NPT, 75 psi (5.3 kg/cm ²)	1.5 (.7)
250-1IN-100	182425	Relief Valve 1 NPT, 100 psi (7 kg/cm ²)	1.5 (.7)
250-1IN-125	182525	Relief Valve 1 NPT, 125 psi (8.8 kg/cm ²)	1.5 (.7)
250-2IN-30	183025	Relief Valve 2 NPT, 30 psi (2.1 kg/cm ²)	17.3 (7.8)
250-2IN-36	183125	Relief Valve 2 NPT, 36 psi (2.5 kg/cm ²)	17.3 (7.8)
250-2IN-40	183175	Relief Valve 2 NPT, 40 psi (2.8 kg/cm ²)	17.3 (7.8)
250-2IN-45	183225	Relief Valve 2 NPT, 45 psi (3.2 kg/cm ²)	17.3 (7.8)
250-2IN-50	183325	Relief Valve 2 NPT, 50 psi (3.5 kg/cm ²)	17.3 (7.8)

BOILER CONTROLS