

Cash Acme®

F-82 Pressure-Only Safety Relief Valve

The F-82 is a compact, pressure-only safety relief valve designed for hot water heating systems, water heaters, and storage tanks (not for steam). The F-82 valves feature lead-free bronze bodies, silicone seat discs, EP diaphragms, brass internal parts, and stainless steel pressure springs.

Applications

The F-82 is a high-capacity safety relief valve designed for use on hot water service only and is set to open at a specific pressure to protect the system.

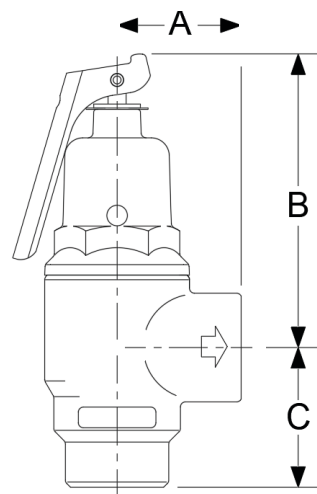
Specifications Data

Materials

Body	Lead-Free Bronze
Internal Parts	Brass
Seat Disc	Silicone
Pressure Spring	Stainless Steel
Diaphragm	EP
Connection Type	NPT Female Inlet and Female Outlet

Performance

Set Pressures	30-150 psi
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F-82

Dimensions (Inches)

Type	Size	A	B	C
F-82	3/4 in.	1-1/2 in.	3-17/32 in.	1-11/16 in.
F-82	1 in.	1-3/4 in.	4-7/16 in.	1-7/64 in.
F-82	1-1/4 in.	2-1/16 in.	5-9/16 in.	1-1/2 in.
F-82	1-1/2 in.	2-15/32 in.	5-7/8 in.	1-21/32 in.
F-82	2 in.	3 in.	7-1/2 in.	2-5/32 in.

ASME RELIEF CAPACITIES AT STANDARD SETTINGS BTU/HR STEAM RELIEF

RELIEF SETTING	F-82 (3/4 in. x 3/4 in.)	F-82 (1 in. x 1 in.)	F-82 (1-1/4 in. x 1-1/4 in.)	F-82 (1-1/2 in. x 1-1/2 in.)	F-82 (2 in x 2 in.)
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	2,089,000	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	14,699,000

Certifications & Listings

Certified to ASME Boiler and Pressure Vessel Code Section XIII for Section IV (HV Designator) applications

CSA certified to NSF/ANSI/CAN 372

Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	