

# F-82 Safety Relief Valve

## DESCRIPTION

The Cash Acme F-82 is a pressure-only ASME relief valve designed for use on hot water space heating boilers, water supply heaters and storage tanks.

The Cash Acme F-82 Safety Relief Valves are designed for use on hot water service only and **are not to be used on steam**.

The **Cash Acme F-82** is available in 3/4", 1", 1-1/4", 1-1/2" and 2" sizes. It has a female inlet and outlet. The **Cash Acme F-82 ASME Safety Relief Valve** has a standard factory pressure relief settings from 30 to 150 psi. These high capacity pressure-only relief valves feature bronze bodies, silicone seat discs and stainless steel pressure springs.

## FEATURES AND BENEFITS

Compact and economical:  
*Saves space and money!*

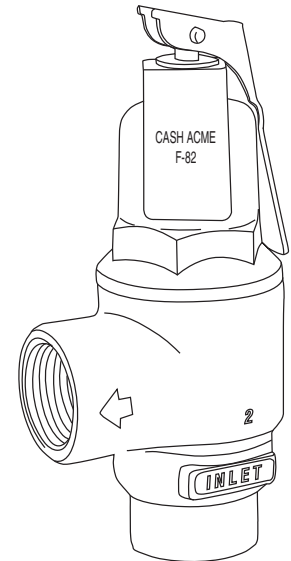
Completely automatic and reseats after pressure relief:  
*Ideal for most domestic water heater applications.*

ASME Section IV listed:  
*Rated for emergency steam discharge by the National Board of Boiler and Pressure Vessel Inspectors.*

Every valve is tested for performance prior to shipping:  
*Specify and install with confidence!*

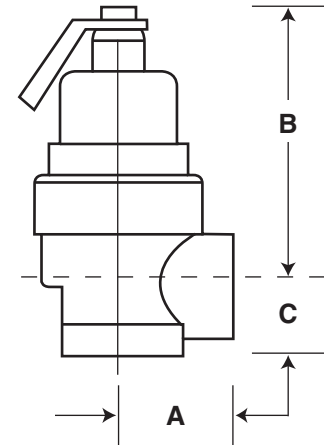
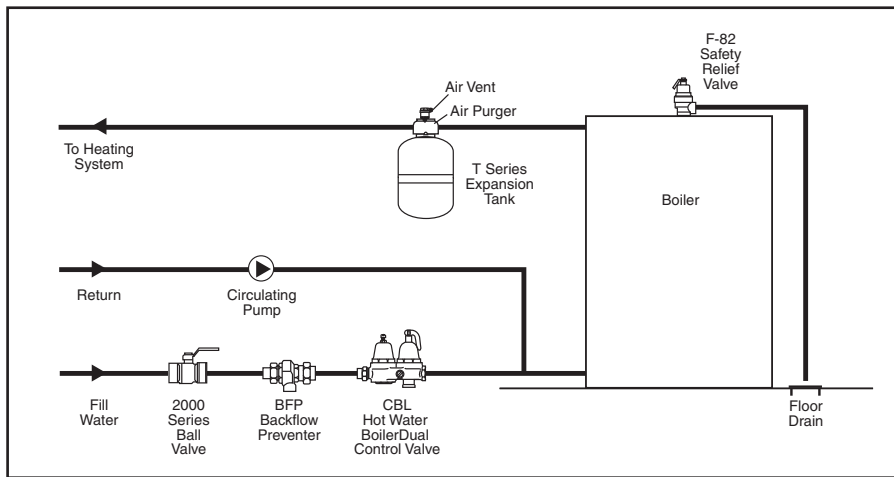
## SPECIFICATION

A high capacity relief valve shall be installed to relieve pressure at a pre-determined set. The valve shall have a bronze body with female inlet and outlet. The valve shall have a silicone seat disc and stainless steel pressure spring. The valve shall be ASME listed and National Board Certified. The valve shall be a **Cash Acme F-82**.



# F-82 Safety Relief Valve

## TYPICAL INSTALLATION



## SPECIFICATION DATA

### Performance:

Set pressure range . . . . . 30-150 psi  
 Service . . . . . Water

### Materials:

Body . . . . . Bronze  
 Seat Disc . . . . . Silicone  
 Pressure Spring . . . . . Stainless steel

Dimensions	A	B	C
3/4" x 3/4"	1-1/2"	3-1/2"	1-11/16"
1" x 1"	1-3/4"	4-11/32"	1-7/64"
1-1/4" x 1-1/4"	2-1/16"	5-9/16"	1-1/2"
1-1/2" x 1-1/2"	2-15/32"	5-7/8"	1-21/32"
2" x 2"	3"	7-1/2"	2-5/32"

## CONNECTIONS

Threaded (NPT) . . . . . Female inlet and female outlet

## CERTIFICATIONS

The Cash Acme F-82 Relief Valve is listed by ASME.

ASME RELIEF CAPACITIES AT STANDARD SETTINGS - BTU/HR STEAM RELIEF					
RELIEF SETTING	F-82 3/4" x 3/4"	F-82 1" x 1"	F-82 1-1/4" x 1-1/4"	F-82 1-1/2" x 1-1/2"	F-82 2" x 2"
30psi	717,000	1,025,000	1,704,000	2,085,000	3,902,000
50psi	1,048,000	1,498,000	2,490,000	3,047,000	5,701,000
75psi	1,462,000	2,090,000	3,472,000	4,249,000	7,951,000
100psi	1,875,000	2,680,000	4,454,000	5,451,000	10,200,000
125psi	2,289,000	3,271,000	5,437,000	6,653,000	12,450,000
150psi	2,703,000	3,862,000	6,419,000	7,855,000	14,699,000