

# F-95 Hot Water Safety Relief Valve

## DESCRIPTION

The Cash Acme F-95 Expanded Outlet Pressure Relief Valve offers a complete package of expanded boiler ASME safety relief valves in sizes ranging from 3/4" x 1" through 2" x 2-1/2".

This complete range of sizes provides pressure protection for nearly all types of commercial and industrial OEM boilers and water heating system applications. The safety relief design provides a pop-type opening action.

The F-95 Valves are available with relief settings from 30 to 75 psi. Sizes available include 3/4" x 1", 1" x 1-1/4", 1-1/4" x 1-1/2", 1-1/2" x 2" and 2" x 2-1/2".

The Cash Acme F-95 features an iron body construction, brass seat, silicone seat disc and EP diaphragm for high temperature applications. The 3/4" x 1" and 1" x 1-1/4" sizes are also available with a brass body.



## FEATURES AND BENEFITS

Offers a complete package of expanded boiler safety relief valves in a range of sizes:  
*Provides pressure protection for nearly all commercial/industrial OEM boilers and hot water heating system applications.*

Higher Capacity:  
*Handles more volume with just one relief valve.*

ASME Section IV Listed:  
*Inspector friendly, peace of mind!*

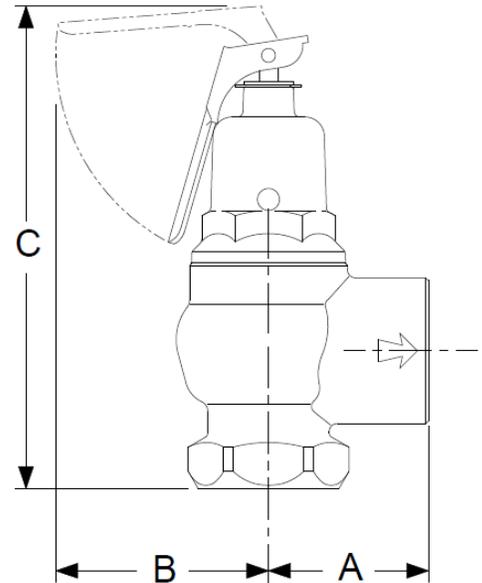
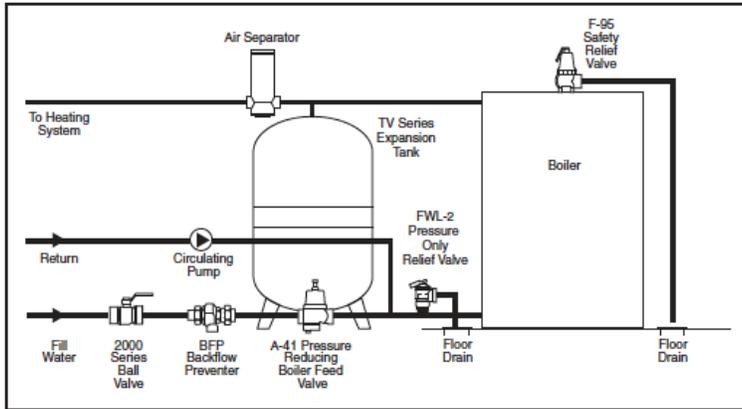
Every valve is tested for performance prior to shipping:  
*Specify and install with confidence.*

## SPECIFICATION

A relief valve shall be installed to relieve pressure at a pre-determined set. The valve shall have a female inlet and a female expanded outlet. The valve shall have a brass seat, silicone seat disc and an EP diaphragm for high temperature applications. The valve shall be ASME listed and National Board Certified. The valve shall be a Cash Acme F-95.

# F-95 Hot Water Safety Relief Valve

## TYPICAL INSTALLATION



## SPECIFICATION DATA

**Performance:**  
 Available Set pressures ..... 30-75 psi  
 Service ..... Water

**Materials:**  
 Body ..... Iron  
 (Brass Body option available for 3/4" and 1" inlet sizes)  
 Seat ..... Brass  
 Seat Disc ..... Silicone  
 Spring ..... Stainless steel  
 Diaphragm ..... EP

Inlet Size (NPS) Female	Outlet Size (NPS) Female	DIMENSIONS		
		A	B	C
3/4"	1"	1-13/16"	2-13/32"	5-1/2"
1"	1-1/4"	2-1/16"	2-3/8"	6-13/32"
1-1/4"	1-1/2"	2-3/8"	3-3/32"	9-9/16"
1-1/2"	2"	2-5/8"	3-7/8"	10-3/32"
2"	2-1/2"	3-7/16"	3-1/2"	12-13/16"

## AVAILABLE CONNECTIONS

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

## CERTIFICATIONS

The Cash Acme F-95 Safety Relief Valve is capacity certified to ASME Boiler Code Section IV.

ASME RATED HOT WATER SAFETY RELIEF VALVE (BTU/HR)					
Set Pressure (psi)	3/4" x 1"	1" x 1-1/4"	1-1/4" x 1-1/2"	1-1/2" x 2"	2" x 2-1/2"
30	952,000	1,337,000	2,090,000	3,010,000	5,351,000
45	1,281,000	1,800,000	2,813,000	4,051,000	7,202,000
60	1,611,000	2,262,000	3,536,000	5,092,000	9,053,000
75	1,940,000	2,725,000	4,259,000	6,133,000	10,904,000