

VR-801 Vacuum Relief Valve

DESCRIPTION

The Cash Acme VR-801 Vacuum Relief Valve is designed to protect hot water supply systems and pressure vessels against negative pressure. It is especially well suited for many domestic and commercial systems.

It works by preventing internal vacuum conditions that could result in burned out heaters and/or collapsed storage tanks – especially copper.

Installed on the cold water supply line, the Cash Acme VR-801 closes tightly under pressure and opens at a 1" mercury vacuum. Atmosphere admitted to the system breaks the vacuum, preventing collapse of the storage tank. It is recommended that the VR-801 be installed in an upright position.

The Cash Acme VR-801 is available in sizes 1/2" and 3/4" with male inlets. The VR-801 also features a low profile design with a slotted vent hole. The vent hole is protected by a circular dust cover that is approx. 1.75" in diameter. This valve features an all brass body and body cap, a heat-resistant silicone seat disc, an integral body seat and brass internal working parts.

Lead Free* versions of VR-801 are also available.



FEATURES AND BENEFITS

Prevents internal vacuum conditions:

Guards against siphonage, burnt-out heaters and collapsing of storage tanks and negative pressure.

Opens quickly in emergency situations:

Opens on a one inch mercury vacuum.

Listed by CSA:

Inspector friendly, peace of mind!

Every valve is tested for performance prior to shipping:

Specify and install with confidence!

SPECIFICATIONS

A vacuum relief valve shall be installed to protect the pressure vessel. The valve shall be CSA certified per ANSI Z21.22/CSA 4.4. The valve shall be constructed of brass with an integral body seat disc. The valve shall open on a one-inch mercury vacuum. The valve shall be a Cash Acme VR-801 Vacuum Relief Valve.

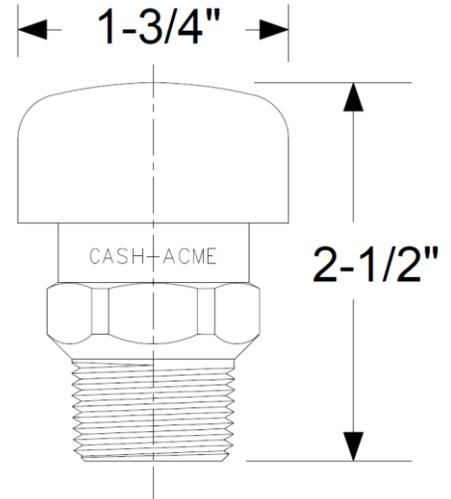
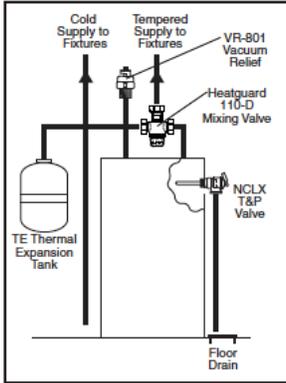
* A device is defined as Lead Free if its normally wetted surface has a weighted average lead content not exceeding 0.25%



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TYPICAL INSTALLATION

It is recommended that the VR-801 be installed in an upright position. For further installation information, please contact the factory.



SPECIFICATION DATA

Performance:

Relief pressure (open)	1" Hg vacuum
Capacity	13 SCFM (@ 2" Hg)
Maximum temperature	210° F
Maximum inlet pressure	200 psi
Service	Water

Materials:

Body	Brass
Body Cap	Brass
Internal Parts	Brass
Seat Disc	Silicone
Spring	Stainless steel
Dust Cover	Polypropylene

AVAILABLE CONNECTIONS

Threaded (NPT) 1/2" and 3/4"

CERTIFICATIONS

The Cash Acme VR-801 Relief Valve is certified to ANSI Z21.22/CSA 4.4 and listed by CSA.

