

Victaulic® Series ARV Adjustable Relief Valve



1.0 PRODUCT DESCRIPTION

Available Sizes

- ½"/DN15

Maximum System Working Pressure

- Up to 300 psi/2068 kPa/21 Bar

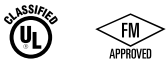
Relief Valve Set Pressure Range

- 175 psi/1206 kPa/12 Bar – 310 psi/2140 kPa/21.4 Bar

Function

- Allows for the required NFPA field hydrostatic testing to be accomplished without removing and/or plugging the outlet for the relief valve.

2.0 CERTIFICATIONS/LISTINGS



3.0 SPECIFICATIONS – MATERIAL

Valve Body: Brass

Valve Seat: Brass

Sealing Rubber: EPDM

Spring: Stainless steel

O-Ring: EPDM

Washer: Brass

Valve Piston: Brass

Pressure Adjustment Screw: Stainless steel

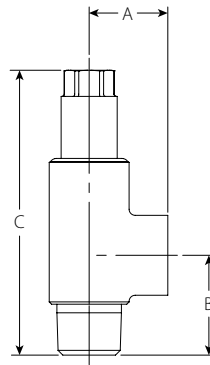
Adjustment Cap: Brass

Piston O-Ring: EPDM

Sealing Rubber Retaining Screw: Stainless steel

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

4.0 DIMENSIONS



Size		Dimensions			Weight
Nominal inches DN	Actual Outside Diameter inches mm	A inches mm	B inches mm	C inches mm	Approximate (Each) lb kg
1/2 DN15	0.840 21.3	1.00 25	1.25 32	3.75 95	0.5 0.2

5.0 PERFORMANCE

Size		Maximum Working Pressure psi kPa	Maximum Allowable Flow Rates Full Open gpm/lpm
Nominal inches DN	Actual Outside Diameter inches mm		
1/2 DN15	0.840 21.3	300 2068	10.0 37.9

6.0 NOTIFICATIONS

⚠ WARNING



- Read and understand all instructions before attempting to install any Victaulic products.
- Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Confirm that any equipment, branch lines, or sections of piping that may have been isolated for/during testing or due to valve closures/positioning are identified, depressurized, and drained intermediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Wear safety glasses, hardhat, and foot protection.

- These products shall be used only in fire protection systems that are designed and installed in accordance with current, applicable National Fire Protection Association (NFPA) standards, or equivalent standards, and in accordance with applicable building and fire codes. These standards and codes contain important information regarding protection of systems from freezing temperatures, corrosion, mechanical damage, etc.
- The installer shall understand the use of this product and why it was specified for the particular application.
- The installer shall understand common industry safety standards and potential consequences of improper product installation.
- It is the system designer's responsibility to verify suitability of materials for use with the intended fluid media within the piping system and external environment.
- The material specifier shall evaluate the effect of chemical composition, pH level, operating temperature, chloride level, oxygen level, and flow rate on materials to confirm system life will be acceptable for the intended service.

Failure to follow installation requirements and local and national codes and standards could compromise system integrity or cause system failure, resulting in death or serious personal injury and property damage.

7.0 REFERENCE MATERIALS

[30.71: Series UM Universal Manifold Assembly](#)

[30.72: Series UMC Universal Manifold Control Assembly](#)

[30.73: Series UTD Universal Test and Drain](#)

User Responsibility for Product Selection and Suitability

Each user bears final responsibility for determining the suitability of Victaulic products for their end-use application, in accordance with industry standards, project specifications, and Victaulic's published performance, maintenance, and safety data, as well as all warnings and installation instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any Victaulic employee, shall be deemed to alter, vary, supersede, or waive any provision of Victaulic Company's standard conditions of sale, warranty, installation instructions, or this disclaimer.

Installation

Always refer to and follow the [Victaulic Installation Handbook](#) or installation instructions for the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at [victaulic.com](#).

Warranty

Refer to the Warranty section of the current Price List or contact Victaulic for details.

Intellectual Property Rights

No statement concerning the use of any material, product, service, or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Victaulic or any of its affiliates, or as a recommendation for the use of such material, product, service, or design in the infringement of any patent or other intellectual property right. The terms "Patented" or "Patent Pending" refer to design or utility patents or patent applications for articles and/or methods of use in the United States and/or other countries. Victaulic and all other Victaulic marks are the trademarks or registered trademarks of Victaulic Company, and/or its affiliated entities, in the U.S. and/or other countries.

Note

All products bearing a Victaulic trademark are manufactured by Victaulic or to Victaulic specifications. All products are to be installed only in accordance with the applicable Victaulic installation instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.