

HIGH FLOW VALVES



Product Description

The High Flow Relief Valve is designed to move large quantities of air quickly and automatically to prevent pressure build-up in applications. Offering both pressure and vacuum relief at an opening point of 0.50 psi \pm 0.25 psi in both directions for fast or explosive decompression, it protects the goods inside from extreme pressure, and allows for safe access into the application.

Industries Served

- Apparel And Accessory Packaging
- Electronics
- Food And Beverage
- Healthcare
- Personal Products
- Pharmaceuticals



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Key features

- Prevent pressure buildup and remove large air quantities
- Protect goods from extreme pressure
- Easy to install
- Pressure and vacuum relief at opening point of 0.50 psi \pm 0.25 psi in both directions.

Perfect Substitute from Rupture Disks

Commonly used to protect applications from overpressurization, Rupture Disk, however, are one-use devices that requires replacement once used or over-pressurized. The High Flow Relief Valve on the other hand, with a flow rate up to 140 SCFM, is able to provide the rapid decompression needed (depressurizing a typical cargo hold in 15 seconds), and is reusable.

Best Protection from Atmospheric Pressure

Even without a rapid decompression requirement, airborne transport of large volume containers require large volumes of moving air to prevent explosion or implosion resulting from atmospheric pressure changes with altitude. For a container of over 1,100 ft.³, one High Flow Relief Valve is sufficient for atmospheric pressure protection.

Easy to Use

The High Flow Relief Valve has a manual release button that ensures safe and easy entry into the enclosure when it is under vacuum conditions or pressurized. A retaining clip is secured to prevent the button from being misused while the lanyard attached to the clip prevents it from being lost.

Projecting only 1.25" from the container wall to the tip of the manual release button, the valve is not only low profile but also easily installed into container walls up to 1/2" thick.

Related Products



Combined Relief Valves
& Indicators



Exhaust & Connection Ports



Inward Relief Valve



Manual Relief Valves

