

# MANUAL RELIEF VALVES



## Product Description

Designed to be used in small containers or cases, manual relief valves provide various methods to equalise pressure or vacuum differentials before opening the containers. The relief valves can be installed easily through a single hole in the wall of the case and comes complete with all attaching hardware. Some of the models comes with the safety wire protection feature to prevent unauthorised opening of the valves. The recommended torque value for installation of all manual relief valves is 30 lbs/ins.

\*There are no visual indication to tell if the manual valves are open or closed. Careful consideration should be taken before selecting the valves due to the potential consequences from continuous exposure to the outside atmosphere if left open; potential damage to container if left closed.

## Industries Served

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



## Key features

- Easy to install
- Perfect product that can be used with small containers
- Tamperproof

### Manual Relief Valve (Exhaust Port)

Featuring a manual override button to open the port, the Manual Relief Valve is an exhaust port that can be used as an inlet connection on containers. The self-sealing valve allows air to enter the container but prevent air from flowing out.

### 0.466-32 UNS Thread Breather Valve

Black anodized, this breather valve has a captive knurled twist knob for hand operation and can be used in thin wall containers. It mounths through a 0.50 in. (13mm) diameter hole. Meets MS18014-1, this unit is IP67 rated so fully immersion proof.

### 0.200-20 UNF Thread Breather Valve

This "push-to-open" relief valve can be mounted through a 0.51 inch (13 mm diameter hole). Its side venting design enable pressure equalization even when the button is depressed by personnel wearing arctic gloves. This unit may open automatically at vacuum pressures above 6.0 psid.

### 0.2000-20 UNF Thread Breather Valve

This medium-sized "turn-to-open" manual relief valve comes with a recessed captive screw that must be rotated 1 or 2 turns with a screwdriver or coin to open the valve. Apart from its safety wire feature, this valve can be mounted through a 0.51 inch (13 mm) diameter hole.



## Selection Guide

### Manual Relief Valve (Exhaust Port)

- A manual override button to open the port
- Can be used as an inlet connection on containers.
- Self-sealing valve allows air to enter the container only

### 0.466-32 UNS Thread Breather Valve

- Black anodized
- A captive knurled twist knob for hand operation and can be used in thin wall containers
- Fully immersion proof as this unit is IP67 rated
- Can be mounted through a 0.50 inch (13mm) diameter hole

### 0.200-20 UNF Thread Breather Valve

- A "push-to-open" relief valve
- Has a side venting design enable pressure equalization
- Open automatically at vacuum pressures above 6.0 psid.
- Can be mounted through a 0.50 inch (13mm) diameter hole



### 0.2000-20 UNF Thread Breather Valve

- A medium-sized "turn-to-open" manual relief valve
- Equipped with a recessed captive screw which can be opened with a screwdriver or coin
- Can be mounted through a 0.51 inch (13 mm) diameter hole.

## Related Products



Combined Relief Valves  
& Indicators



Exhaust & Connection Ports



High Flow Valves



Inward Relief Valve

