

Pressure Relief Valves

Prevent damage caused by pressure differentials

Pressure and vacuum differentials will occur in equipment and transit containers when they are subject to changes in temperature and/or altitude. The installation of relief valves in equipment and transit containers will prevent damage caused by pressure or vacuum differentials. The use of relief valves allows designers to reduce the constructional strength and weight in equipment or transit containers.

Key Features

- Fully automatic
- Optional valve operated indicator
- Wide operating temperature range
- Two way valves for pressure and vacuum relief
- Fully automatic opening and closing
- Manual override facility for equalisation
- Protection against waterspray (optional)
- Flow rates range from cc/min to litres/h
- Low cohesion providing reliable opening
- Available in aluminum, brass, stainless steel and plastic



Applications

- Transit/storage/missile containers
- Pressure sensitive applications
- Air portable containers
- Non return valves
- Out gassing protection
- Airborne equipment
- Sealed enclosures
- Gas pipelines



Pressure Relief Valve mounted to a transit container

Specification

Operating temperature: -30°C to +90°C

Pressure or vacuum opening: minimum 250N/m² (1inch W G)

Pressure opening: maximum 206 KN/m² (30 PSI)

Vacuum opening: maximum -68.9 KN/m² (-10 PSI)

Opening tolerance: ±5%

Stability: ±10%