

# SERIES 4276 Pressure Relief Rim Vent

**SERIES  
4276**

- Economical / functional design
- Size: 6" FNPT connection
- Vapors vent to atmosphere
- Integral weatherhood protects tank opening
- Screen guard tank's interior from debris
- Lightweight design permits easy handling
- Easy to install and maintain
- Factory inspected prior to shipment
- Cast aluminum construction



## OBJECTIVE

The Protectoseal 4276 Pressure Relief Rim Vent is designed for use on floating roof tanks. They are mounted around the rim of the tank roof system and provide casual relief for any pressure accumulations under the pontoon sections of the roof. The Rim Vents are relatively small in size in that they accommodate only the vapor area above the pontoons. The pressure relief is provided by hinged pallets with nominal set points of 1" W.C. The pallets hinge open and then reclose when pressure is relieved. The Rim Vents relieve to atmosphere are not considered to be primary relief devices for the storage tank.

## SPECIAL FEATURES

- Design and light weight of entire unit permits easy, convenient handling for inspection and maintenance.
- Coarse mesh screen prevents entry of foreign matter into tank opening.
- Hinged cover open under pressure and closes automatically when pressure is relieved.

- Integral weatherhood protects vent from rain, snow, etc.
- Metal-to-metal seating insures positive sealing and low maintenance time expenditures.
- Vent mates with common 6" FNPT connections.
- Galvanized steel screen guards against debris entering floating roof tank structure through vent opening.

## SPECIFICATIONS

**Size & Connection.** 6" FNPT connection.

**Standard Setting.** 1" W.C.

**Available Options.** Chemical and mechanical material certifications for castings can be made available upon request.

## CONSTRUCTION

Cast aluminum (ASTM B26-Grade 356) base and pallet assembly; aluminum weatherhood; galvanized steel screen.

| Series | Base Flange | Pallet Assembly | Weather-Hood | Screen     |
|--------|-------------|-----------------|--------------|------------|
| 4276   | Aluminum    | Aluminum        | Aluminum     | Gal. Steel |

## DIMENSIONS (Dimensions shown are for reference only. Contact Factory for certified drawings.)

