



Model 945-PA

Breather Vent with Pipe-Away Connection

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The BS&B® FlameSaf® 945-PA Breather Vent offers a reliable and efficient solution for protecting vessels and storage tanks from overpressure and under pressure situations. The 945-PA series of weight loaded pressure and vacuum breather vents with pipe away overpressure relief connections are certified in accordance with the ATEX Directive 2014/34/EU. The 945-PA series features a modular design for ease of maintenance and lower stock requirements for spare parts. Consult your local BS&B representative or call us for consultation.

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Breather Vent
with Pipe-Away
Connection



Flange Connection Type

- DIN/EN: 1092-1
- JIS B 2220
- ANSI B.16.5

Other types available upon request.

Set Pressure Capability

- Pressure Side: 2.5 mbarg (1 in. WC) to 100 mbarg (40 in. WC)
- Vacuum Side: 2.5 mbarg (1 in. WC) to 70 mbarg (28 in. WC)

Operating Conditions

- Suitable for atmospheric application where the Max internal temperature shall not exceed 80% of the Auto Ignition Temperature of the stored medium or 360°C / 680°F (IECT1), whichever is lower (Seals suitable to the operating temperatures must be selected)

Protection

- Suitable for Gas/air or vapor/air mixtures according to II ½ G Ex h IIB T6...T1 Ga/Gb

Features

- Suitable for pressure and vacuum relief
- High flow capacity
- Certified to ATEX – Directive 2014/34/EU
- Complies with API 2000 Seventh Edition / EN ISO 28300
- Weight-loaded offset pallet design; discharges to outlet pipe (mechanism is internal to protect from external weather and environmental conditions)
- Achieves full opening (flowing pressure/vacuum) at 10% overpressure
- Large range of Pressure and Vacuum settings available
- Provides premium sealing with premium PTFE seals. Other seal options available upon request
- Leak tightness exceeds API 2000 / EN ISO 28300 requirements
- Pallets, seats & stem-guides made from stainless steel
- Pipeaway design for positive pressure relief aides emission control
- Nominal sizes 2" to 12" (50mm to 300mm) available

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