

MV-BE

METAL VENT - BUCKET ELEVATOR

OsecoElfab's MV-BE is a heavy duty explosion vent with an integral frame, designed to protect bucket elevators during deflagrations



OsecoElfab's MV-BE explosion vent features a heavy duty design to protect bucket elevators operating under high vibration, as well as other demanding applications. The MV-BE is designed to meet the requirements set forth in NFPA 61 and NFPA 68.

In addition, the built-in outlet frame eliminates the need to fabricate an angle iron hold down frame. The vent also comes with an attached gasket.

Custom sizes and pressures are available on request.

Size Range

- 12" x 18" to 18" x 36"

Set Pressure Range

- 0.75 psig to 10 psig

Temperature Range

- -40°F to 180°F

Common Applications

- Bucket Elevators

**Let us help you with all
your pressure relief questions.**

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TECHNICAL SPECIFICATIONS



Size range	12" x 18" to 18" x 36"
Burst pressure range	0.75 - 10 psig (0.05 - 0.68 barg)
Temperature range	-40°F to 180°F
Operating Ratio	50% of stamped max burst pressure
Burst Tolerance	+/-0.25 psig at 0.75 psig
Standard materials	316 Stainless Steel Silicone Sealant Neoprene Gasket (other gasket materials, including FDA gaskets, also available)
Fragmentation	Non-fragmenting design
Vacuum Service	Vacuum not recommended
Design Standards	Meets NFPA 61 (0.75 psig) and NFPA 68 regulations

Related Products

Sensors

SVT-03