



MV-RD

METAL VENT RECTANGULAR DOMED

MV-RD • EXPLOSION VENTS

Oseco's MV-RD is ideal for high cycling applications

SPECIFICATIONS

- **COMMON APPLICATIONS**
Bag houses, bulk storage, and duct work
- **BURST TOLERANCE**
± 0.25 psig
- **SIZE RANGE**
See Chart
- **OPERATING RATIO**
80% of stamped burst pressure
- **SET PRESSURE RANGE**
1.5 psig to 6.75 psig
- **NON-FRAGMENTING DESIGN**
- **VACUUM RANGE**
10 psig to 12 psig/20 inHg to 24 inHg
- **MATERIAL OF CONSTRUCTION**
316 Stainless Steel w/silicone sealant
- **GASKETS**
Black neoprene gaskets included on the inlet side
- **TEMPERATURE RANGE**
-20F to 150F

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The MV-RD explosion vent is designed for high cycling applications, such as in dust collectors and bag houses that experience vacuum pressures up to 12 psig/ 24.4 inHg. The vent mounts on enclosures where dust explosions may occur, and will activate to safely relieve pressure in the event of a deflagration, thereby preventing a large explosion. The MV-RD can also be used on bulk storage units and in ductwork applications requiring a rectangular explosion vent.



Patent Pending



Meets NFPA regulations.



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Related products

SENSORS

SVT-03 Burst Sensor

HOLDERS

Gaskets, Frames

MV-RD Explosion Vent Min/Max

SIZE INCHES	RELIEF AREA in ²	Min	Max	VACUUM (psig)
		(psig @ 72° F)		
12 x 12	129.0	2.5	14.0	12.0
12 x 24	264.0	1.25	8.0	12.0
18 x 24	405.0	1.25	6.25	10.0
24 x 24	546.0	1.25	4.25	12.0
18 x 35	595.0	1.5	6.75	12.0
24 x 36	825.0	1.25	4.25	12.0
36 x 36	1251.0	1.25	2.25	12.0
36 x 44	1533.0	1.0	2.0	10.0



Let us help you with all your pressure relief questions. Contact Oseco at **800-395-3475** or email us at **info@oseco.com**.

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