



*The MVRB is OSECO's
high performance,
reverse-buckling panel.*



MVRB

**METAL VENT
REVERSE-BUCKLING**

R U P T U R E • P A N E L

MVRB

METAL VENT REVERSE-BUCKLING

The Oseco MVRB (Metal Vent Reverse Buckling) Rupture Panel is designed and manufactured for high performance and the most demanding panel applications. The MVRB is a reverse-buckling panel that has a smooth surface in contact with the process. It is ideal for hygienic and sanitary services.

High Operating Ratio

The MVRB can be used to prevent catastrophic explosions by providing adequate venting area in accordance with NFPA 68. It should be used to protect dust collectors, conveyor systems, dryers, and most other equipment that requires precise overpressure protection.



OSECO MVRB Rupture Panel

- Sizes: 12" through 36", 42" available upon special request.
- Standard materials of construction: 316 Stainless Steel, Nickel 200/201, Inconel-600 and Monel-400.
- Operates to 90% of stamped minimum burst pressure.
- High-cycling service.
- Rupture tolerance: ± 0.5 psig above 2 psig and ± 0.25 psig at or below 2 psig.
- Damage Ratio: If damaged, will burst at or below stamped burst pressure.
- Can be designed to withstand vacuum condition upon request.
- Smooth surface on process side to reduce process buildup and contamination.
- Non-fragmenting design.
- Elevated temperatures up to 700° F.
- Easily installs into either bolted or welded rolled-angle ring frames. Can also be fitted to ANSI flanges upon request.
- Optional SVT-03 sensor can be provided to provide electronic indication of a panel burst.

MVRB Panel Specifications

Nominal Size (in.)	Relief Area (sq. in.)	Min Burst Pressure (psig)	Max Burst Pressure (psig)
12	101	3.0	10.0
14	135	2.6	10.0
16	176	2.3	10.0
18	227	2.0	10.0
20	279	1.8	10.0
24	415	1.5	10.0
28	530	1.5	10.0
30	650	1.5	10.0
32	754	1.5	10.0
34	855	1.5	10.0
36	955	1.5	10.0

SENSORS

The SVT-03 sensor is designed for use with the MVRB.

HOLDERS

The MVRB uses custom built holders or standard Oseco PRDI holders. Consult Oseco for more information.

The OSECO Advantage...

DELIVERY

Orders for most custom-made products are shipped from Oseco within three weeks of receiving the order. Only Oseco utilizes its own in-house laser, which allows us to provide reduced delivery times for emergency orders. In most cases, **same-day** service is available!

QUALITY

Only Oseco utilizes single-craftsperson responsibility. Our pride is assured by the maker's signature on each and every order. This, coupled with a quality control program that exceeds the requirements of ISO 9001, assures you that we have supplied you the highest-quality product.

COMPETITIVE PRICING

Oseco's products are the highest-quality industry-wide. They are offered at very competitive pricing and with the fastest delivery available.

BEST OVERALL SERVICE

Our goal at Oseco is to provide you, the customer, with the best delivery, quality, and overall performance for your rupture disk needs.

Let us prove our commitment to this goal—contact your local Oseco representative and ask us for a Rupture Disk Review. Your representative and a factory technician will review all of your rupture disk applications, suggest changes where applicable, and provide you with a competitive quotation guaranteed to save you money, at no charge.

OSECO WILL PROVIDE YOU WITH WHAT YOU NEED MOST...VALUE! ®

Visit the Oseco web site at www.oseco.com, write us at info@oseco.com, or call Oseco toll-free at **1.800.395.disk** for more information or to receive your free Rupture Disk Review.



OSECO

A handwritten signature in blue ink, reading "Joe Ragosta".

Joseph M. Ragosta
President, Oseco

Oseco

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