



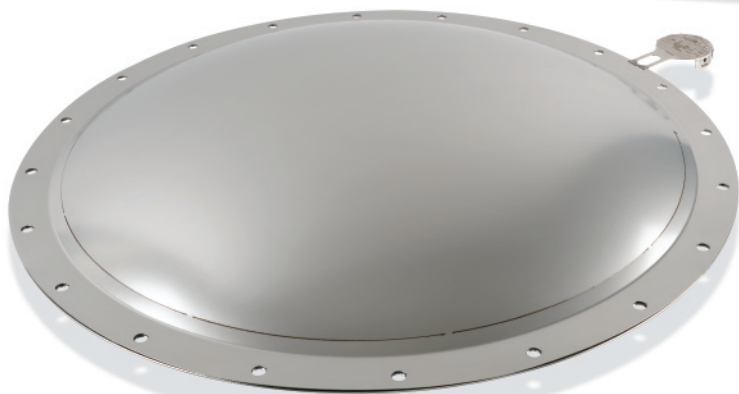
**C. Emery Nelson, Inc.**

INDUSTRIAL AND POWER PLANT EQUIPMENT

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# oseco

pressure  
intelligence



Oseco's 2-day lead time is available for common sizes of MV-RD, MV-RF and MV-CD.

## MV Explosion Vents & Stocking Program

# MV Explosion Vents

Oseco's MV Family of explosion vents are designed with the most common explosion venting applications in mind. The MV Family offers the industry's best performance tolerance of  $\pm .25$  psig and consists of the MV-RD, MV-RF, MV-CD and MV-CF. Each of these vents meet the requirements of the OSHA Combustible Dust National Emphasis Program and NFPA 68.

A 2-day lead time is available for common sizes of MV-RD, MV-RF and MV-CD.



| Vent         | Shape                                                                               | Vacuum (psig) | Max Relief Area (inches <sup>2</sup> ) | Operating Ratio | Common Applications           |
|--------------|-------------------------------------------------------------------------------------|---------------|----------------------------------------|-----------------|-------------------------------|
| <b>MV-RD</b> |  | -12           | 1533                                   | 80%             | <b>BH</b> <b>DC</b> <b>BS</b> |
| <b>MV-RF</b> |  | -2            | 1533                                   | 60%             | <b>BH</b> <b>BS</b>           |
| <b>MV-CD</b> |  | -14.7         | 955                                    | 70%             | <b>DW</b> <b>BS</b>           |
| <b>MV-CF</b> |  | NA            | 840                                    | 50%             | <b>DW</b>                     |

## Oseco Difference

### • Performance

- Highest Vacuum Ratings
- Industry-Best Performance Tolerance
- High Cycling



- Longer Service Life
- Peace of Mind
- Less Maintenance

### • Available 24/7 365 Days

### • Quality Accredited Systems

### • Dependable Delivery

### • Technical Support

Need help calculating Kst? Contact us at 800-395-3475 for fast engineering support.

Contact our customer service team for assistance a

## MV-RD Rectangular Domed

**BH DC BS**

- Cycle tested beyond 100,000 cycles
- Single membrane design, no Fluoropolymer membrane
- Temperature Range: -20°F to 150°F
- $\pm .25$  psig performance tolerance



Patent Pending

Meets NFPA regulations.



Meets NFPA regulations.



## MV-RF Rectangular Flat

**BH BS**

- Available with FDA-approved gaskets for sanitary applications
- Temperature Range: -20° to 450°F
- $\pm .25$  psig performance tolerance

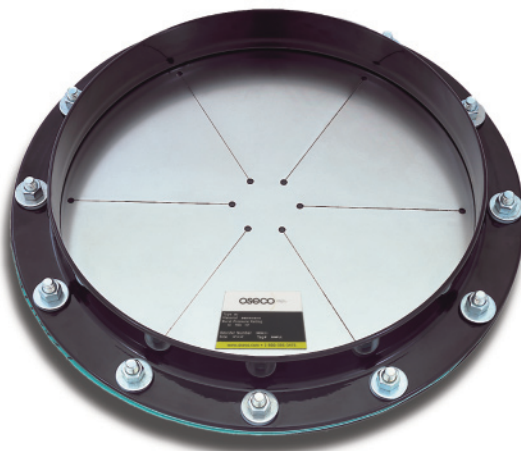
## MV-CD Circular Domed

**DW BS**

- Excellent for high cycling applications
- Temperature Range: -20°F to 450°F
- $\pm .25$  psig performance tolerance



Meets NFPA regulations.



Meets NFPA regulations.

## MV-CF Circular Flat

**DW**



- Temperature Range: -20°F to 450°F
- $\pm .25$  psig performance tolerance

# Explosion Vent Stocking Program



Oseco's MV Family of explosion vents are designed with the most common explosion venting applications in mind.

## Explosion Vent Stocking Program Highlights

- Industry-best Lead Times 
  1. Minimize downtime
  2. Less inventory to manage
  3. Lower budget
- Standard Market Sizes 
  1. Ease of selection: Less margin of error
  2. Less size variability

A 2-day lead time is available for the following sizes of MV-RD, MV-RF and MV-CD.

| SIZE<br>(inches) | RELIEF AREA<br>(inches <sup>2</sup> ) | BURST PRESSURE<br>(psig @ 72° F) | VACUUM<br>(psig) |
|------------------|---------------------------------------|----------------------------------|------------------|
| <b>MV-RD</b>     |                                       |                                  |                  |
| 18 x 35          | 595                                   | 1.5                              | 12               |
| 24 x 24          | 546                                   | 1.5                              | 12               |
| 24 x 36          | 825                                   | 1.5                              | 12               |
| 36 x 36          | 1251                                  | 1.5                              | 12               |
| 36 x 44          | 1533                                  | 1.5                              | 12               |
| <b>MV-RF</b>     |                                       |                                  |                  |
| 12 x 24          | 264                                   | 1.5                              | 2                |
| 18 x 35          | 595                                   | 1.5                              | 2                |
| 24 x 36          | 825                                   | 1.5                              | 2                |
| 36 x 44          | 1533                                  | 1.5                              | 2                |
| <b>MV-CD</b>     |                                       |                                  |                  |
| 24 Round         | 415                                   | 1.5                              | 14.7             |
| 30 Round         | 650                                   | 1.5                              | 14.7             |
| 36 Round         | 955                                   | 1.5                              | 14.7             |

\*Oseco's innovative product design allows for a 2-year warranty.  
See [www.oseco.com](http://www.oseco.com) for warranty details.

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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