

# MV Explosion Vents and Stocking Program







# MV Explosion Vents

OsecoElfab's MV family of explosion vents are designed with the most common venting applications in mind. The MV family offers the industry's best performance tolerance of +/- 0.25 psig, and consists of the MV-RD, MV-RF, MV-CD and MV-CF. Each of these vents meets the requirements of the OSHA Combustible Dust National Emphasis Program and NFPA 68.

A 10-day lead time is available for common sizes of MV-RD, MV-RF and MV-CD.



Vent	Shape	Vacuum (psig)	Max relief area	Operating Ratio	Common Applications
MV-RD		-12	1533	80%	<b>BH DC BS</b>
MV-RF		-2	1533	60%	<b>BH BS</b>
MV-CD		-14.7	955	70%	<b>DW BS</b>
MV-CF		n/a	840	50%	<b>DW</b>

## The OsecoElfab difference

- **Performance**

- Highest vacuum ratings
- Industry-best performance tolerance
- High cycling



- Longer service life
- Peace of mind
- Less maintenance

- **Available 24/7/365**

- **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 at +1 (918) 258-5**

# 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

## The OsecoElfab Difference

Our collaborative approach puts you at the centre of a dedicated switchgear team to support you with pressure management, stock and supply management, technical documentation and wider technical advice relating to your switchgear application.

We will listen to you first to understand the design or your equipment and any limitations it imposes. We can then provide services and solutions to ensure effective leak-tight and long-lasting overpressure protection.

Let us help you with all your pressure relief questions.

Call us at **(800) 395-3475**  
or email us at **info@oseco.com**

Call us at **+44 (0)191 293 1234**  
or email us at **sales@elfab.com**

**www.osecoelfab.com**

## Explosion Vent Stocking Program



OsecoElfab's MV family of explosion vents are designed with the most common 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. Less margin of error
2. Less size variability

A 10-day lead time is available for the sizes of MV-RD, MV-RF and MV-CD listed below.

SIZE (inches)	RELIEF AREA (inches <sup>2</sup> )	BURST PRESSURE (psig @72°F)	VACUUM (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

Our innovative product design allows for a 2-year warranty.  
Contact us to ask for specific warranty details.



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