

# MV-CF

## METAL VENT-CIRCULAR FLAT

Oseco's MV-CF (Metal Vent-Circular Flat) explosion vent is a simple round flat design effective for demanding applications requiring a circular fitting.

The MV-CF is excellent for duct work applications. It may be exposed to system pressures up to 50% of stamped burst pressure with good service life.



FRAMES SOLD SEPARATELY

### Oseco's round MV-CF explosion vent is designed for demanding applications.

- Size Range 8" to 42"
- Set Pressure Range 0.5 psig to 10 psig (0.034 barg to 0.689 barg)
- Temperature Range is -20° to 450° F
- May fragment on burst
- Vacuum not recommended
- Frames sold separately
- Materials of Construction: 316 Stainless Steel and Fluoropolymer
- Meets NFPA 61 and NFPA 68 regulations
- **1 Year Warranty**

#### *Common Applications*

Duct Work

#### *Operating Ratio*

50%

#### *Burst Tolerance*

+/-0.5 over 2 psig  
+/-0.25 psig at or below 2 psig



## Related Products

**SENSORS**  
SVT-03

**HOLDERS**  
**GASKETS**  
**FRAMES**

# MV-CF Technical Specifications

## MV-CF Explosion Vent Min/Max

SIZE INCHES (mm)	STANDARD ANGLE FRAME I.D.	RELIEF AREA in <sup>2</sup> (m <sup>2</sup> )	FLUOROPOLYMER SEAL (psig @ 72° F)	
			MIN psig (barg)	MAX psig (barg)
8" (200mm)	8.125" (206mm)	41.0 (0.02)	3.0 (0.20)	10.0 (0.68)
10" (250mm)	10.125" (257mm)	64.0 (0.04)	2.5 (0.17)	10.0 (0.68)
12" (300mm)	12.1875" (310mm)	94.0 (0.06)	2.0 (0.13)	10.0 (0.68)
14" (350mm)	14.1875" (360mm)	128.0 (0.08)	1.5 (0.10)	10.0 (0.68)
16" (400mm)	16.25" (413mm)	167.0 (0.10)	1.250 (0.08)	10.0 (0.68)
18" (450mm)	18.25" (464mm)	213.0 (0.13)	1.0 (0.06)	10.0 (0.68)
20" (500mm)	20.25" (514 mm)	262.0 (0.16)	1.0 (0.06)	10.0 (0.68)
24" (600mm)	24.25" (616mm)	377.0 (0.24)	1.0 (0.06)	10.0 (0.68)
28" (700mm)	28.25" (718mm)	512.0 (0.33)	0.8 (0.05)	10.0 (0.68)
30" (750mm)	30.25" (768mm)	588.0 (0.37)	0.5 (0.03)	10.0 (0.68)
32" (800mm)	32.25" (819mm)	667.0 (0.43)	0.5 (0.03)	10.0 (0.68)
34" (850mm)	34.25" (870mm)	755.0 (0.48)	0.5 (0.03)	10.0 (0.68)
36" (900mm)	36.25" (921mm)	840.0 (0.54)	0.5 (0.03)	9.7 (0.66)
40" (1000mm)	40.25" (1022mm)	1039.0 (0.67)	0.5 (0.03)	8.6 (0.59)
42" (1050mm)	42.25" (1073mm)	1151.0 (0.74)	0.5 (0.03)	8.4 (0.57)

Let us help you with all  
your pressure relief questions.  
Call us at (800) 395-3475  
or email us at [info@oseco.com](mailto:info@oseco.com).  
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