

# MV-CF

METAL VENT - CIRCULAR FLAT

**OsecoElfab's MV-CF features a simple, round, flat design that is effective for demanding applications requiring a circular fitting**



FRAMES SOLD SEPARATELY

OsecoElfab'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.

### Size Range

- 8" to 42"

### Set Pressure Range

- 0.5 psig to 10 psig

### Warranty

- 1 year warranty as standard

### Common Applications

- Duct Work

Let us help you with all  
your pressure relief questions.

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REQUEST A QUOTE FOR  
THE MV-CF VENT



# TECHNICAL SPECIFICATIONS



Size range	8" to 42"
Set pressure range	0.5 - 10 psig (0.03 - 0.68 barg)
Operating Ratio	50%
Burst Tolerance	+/-0.5 over 2 psig +/-0.25 psig at or below 2 psig
Standard materials	316 Stainless Steel and Fluoropolymer
Fragmentation	May fragment on burst
Vacuum Service	Vacuum not recommended
Design Standards	Meets NFPA 61 and NFPA 68 regulations

## Related Products

### Sensors

SVT-03

### Accessories

Gaskets

Frames

# Burst Pressure Ranges

## MV-CF Explosion Vent Min/Max Burst Pressures



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