



MV-CD

METAL VENT CIRCULAR DOMED

Oseco's MV-CD is a crowned round vent designed for use with round ductwork

SPECIFICATIONS

- **BURST TOLERANCE**
± 0.5 psig above 2 psig and
±0.25 psig at or below 2 psig
- **SIZE RANGE**
8" to 36"
- **OPERATING RATIO**
70% of stamped burst pressure
- **SET PRESSURE RANGE**
1.5 psig to 10 psig
(0.103 barg to 0.689 barg)
- **NON-FRAGMENTING DESIGN**
- **VACUUM RANGE**
Withstands full vacuum
- **MATERIAL OF CONSTRUCTION**
316 Stainless Steel, Fluoropolymer,
316 Stainless Steel

MV-CD

The MV-CD is a crowned, round explosion vent designed for use with round ductwork. It may be exposed to system pressures up to 70% of minimum tolerance with good service life.

The perimeter stitching of the top section allows utilization of much thicker materials than other domed designs, which results in a much more damage resistant vent panel. The MV-CD can withstand full vacuum without the need for vacuum support bars on the frame.

2-Day Lead Time Available. Learn more about the *Explosion Vent Stocking Program* at the end of this section.



Meets NFPA regulations.



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Related products

SENSORS

SVT-03 Burst Sensor

HOLDERS

Gaskets, Frames

MV-CD Explosion Vent Min/Max

SIZE INCHES (mm)	STANDARD ANGLE FRAME I.D.	RELIEF AREA in ² (m ²)	RUPTURE PRESSURES AVAILABLE FLUOROPOLYMER SEAL PSIG @ 72° F	
			MIN (barg)	MAX (barg)
8"	8.125"	45.0	4.5	10.0
(200mm)	(206mm)	(0.029)	(0.310)	(0.689)
10"	10.125"	72.0	3.6	10.0
(250mm)	(257mm)	(0.046)	(0.248)	(0.689)
12"	12.1875"	101.0	3.0	10.0
(300mm)	(310mm)	(0.065)	(0.207)	(0.689)
14"	14.1875"	135.0	2.6	10.0
(350mm)	(360mm)	(0.087)	(0.179)	(0.689)
16"	16.25"	176.0	2.3	10.0
(400mm)	(413mm)	(0.113)	(0.159)	(0.689)
18"	18.25"	227.0	2.0	10.0
(450mm)	(464mm)	(0.146)	(0.138)	(0.689)
20"	20.25"	279.0	1.8	10.0
(500mm)	(514mm)	(0.180)	(0.124)	(0.689)
24"	24.25"	415.0	1.5	10.0
(600mm)	(616mm)	(0.267)	(0.103)	(0.689)
28"	28.25"	530.0	1.5	10.0
(700mm)	(718mm)	(0.342)	(0.103)	(0.689)
30"	30.25"	650.0	1.5	10.0
(750mm)	(768mm)	(0.419)	(0.103)	(0.689)
32"	32.25"	754.0	1.5	10.0
(800mm)	(819mm)	(0.486)	(0.103)	(0.689)
34"	34.25"	855.0	1.5	10.0
(850mm)	(870mm)	(0.551)	(0.103)	(0.689)
36"	36.25"	955.0	1.5	9.7
(900mm)	(921mm)	(0.616)	(0.103)	(0.669)



Let us help you with all your
pressure relief questions.
Contact Oseco at **800-395-3475**
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