

CRVC

COMPOSITE RUPTURE VENT

Oseco's CRVC (Composite Rupture Vent Crowned) explosion vent is domed with a rectangular design that withstands higher positive or negative system operating pressures than flat designed vents. Positive system pressure should be limited to 70% of set pressure (Pstat). The CRVC is excellent for use in high cycling applications.

The CRVC is a heavy-duty vent, which incorporates much thicker materials than standard explosion vent designs. The precision in design, manufacturing techniques and testing, assures a superior product that provides overpressure protection with minimal or no fragmentation.

The CRVCI is available with internal insulation for high temperature applications.



Oseco's CRVC is a domed explosion vent designed to withstand high system operating pressures.

- Size Range 12" x 12" to 44" x 69"
- Set Pressure Range 1.3 psig to 10 psig (.09 barg to .9 barg)
- Non-fragmenting design
- Vacuum capable
- Materials of Construction: 316 Stainless Steel and Fluoropolymer
- Meets NFPA 61 and NFPA 68 regulations

Common Applications

High Cycling Applications

Operating Ratio

70%

Burst Tolerance

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



Related Products

VENTS
CRVCI

SENSORS
SVT-03

HOLDERS
GASKETS
FRAMES

CRVC Technical Specifications

CRVC Explosion Vent Min/Max

SIZE INCHES (mm)	RELIEF AREA in ² (m ²)	FLUOROPOLYMER SEAL (psig @ 72° F)	
		MIN psig (barg)	MAX psig (barg)
12" x 18" (305mm x 457mm)	173.0 (0.11)	2.3 (0.15)	10.0 (0.68)
12" x 24" (305mm x 610mm)	236.0 (0.15)	2.3 (0.15)	10.0 (0.68)
16" x 18" (406mm x 457mm)	239.0 (0.15)	2.3 (0.15)	10.0 (0.68)
18" x 30" (457mm x 762mm)	470.0 (0.30)	1.9 (0.13)	10.0 (0.68)
24" x 24" (610mm x 610mm)	506.0 (0.32)	1.9 (0.13)	10.0 (0.68)
18" x 35" (457mm x 889mm)	552.0 (0.35)	1.9 (0.13)	10.0 (0.68)
18" x 36" (457mm x 914mm)	569.0 (0.36)	1.9 (0.13)	10.0 (0.68)
24" x 30" (610mm x 762mm)	641.0 (0.41)	1.9 (0.13)	10.0 (0.68)
24" x 36" (610mm x 914mm)	776.0 (0.50)	1.8 (0.12)	10.0 (0.68)
24" x 48" (610mm x 1219mm)	1046.0 (0.67)	1.7 (0.11)	9.1 (0.62)
36" x 36" (914mm x 914mm)	1190.0 (0.76)	1.7 (0.11)	8.6 (0.59)
30" x 44" (762mm x 1118mm)	1211.0 (0.78)	1.7 (0.11)	8.6 (0.59)
36" x 44" (914mm x 1118mm)	1466.0 (0.94)	1.6 (0.11)	7.9 (0.54)
30" x 60" (762mm x 1524mm)	1667.0 (1.07)	1.6 (0.11)	7.4 (0.51)
44" x 44" (1118mm x 1118mm)	1806.0 (1.16)	1.5 (0.10)	7.2 (0.49)
36" x 60" (914mm x 1524mm)	2018.0 (1.30)	1.5 (0.10)	7.0 (0.48)
44" x 69" (1118mm x 1753mm)	2868.0 (1.85)	1.3 (0.09)	6.1 (0.42)

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

