

CRV RUPTURE PANEL

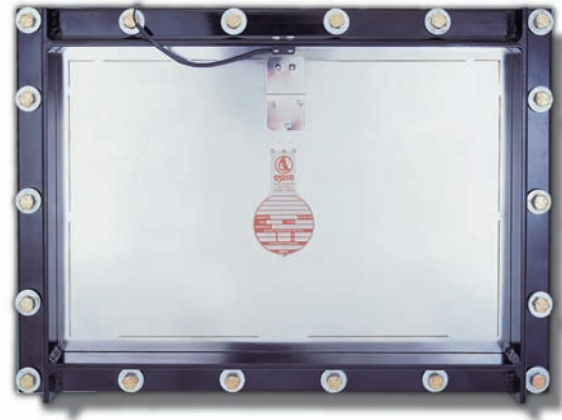
Oseco's Model CRV Rupture Panel is a heavy-duty design incorporating much thicker materials than standard rupture panel designs. Positive system pressure should be limited to 50% of Pstat. If exposed to vacuum in excess of 50% Pstat, vacuum bars should be added to the frame assembly.

The side-hinged design guarantees excellent performance while providing a safe, dependable and economic solution for limiting the damaging effects characteristic of deflagrations.

The precision in design, manufacturing techniques and testing assures a superior product that provides over-pressure protection with minimal or no fragmentation.

The Model CRV is an excellent choice for rupture panel applications when the rupture panels are subjected to high-cycling service.

Oseco's CRV is an excellent choice for rupture panel applications.



*Shown w/optional SVT-03 Alarm Sensor

MV/MV-S RUPTURE PANEL

Oseco's newest innovation in the rupture panel product line is the MV (Metal Vent) Rupture Panel. This all-metal panel is available in many of the same sizes, temperature ratings and pressure ratings as the CRV rupture panels. The MV-S is identical to the MV panel with the exception of the use of FDA-approved gaskets for use in sanitary service applications. A vacuum support and ring is standard for all applications. Standard rupture panel frames may be used for MV & MV-S installations. The SVT-03 sensor is also available to make your rupture panel system complete. The Model MV / MV-S is an excellent choice for vacuum service or where product build-up is a concern. Contains silicone sealant.

* MV/MV-S panels are available in select sizes only. Consult Oseco factory for your specific application.

Oseco's MV is an excellent choice for vacuum service.



ISO 9001

CRV/MV/MV-S* RUPTURE PANEL SPECIFICATIONS

SIZE INCHES (mm)	RELIEF AREA in ² (m ²)	RUPTURE PRESSURES AVAILABLE			
		FLUOROPOLYMER SEAL PSIG @ 72° F (bar)		ALUMINUM SEAL PSIG @ 72° F (bar)	
8" x 8" (203mm x 203mm)	54 (0.035)	1.5 (0.103)	10.0 (0.689)	N/A	N/A
9" x 12" (229mm x 305mm)	94 (0.061)	1.4 (0.097)	10.0 (0.689)	N/A	N/A
12" x 12" (305mm x 305mm)	129 (0.083)	1.4 (0.097)	10.0 (0.689)	N/A	N/A
12" x 18" (305mm x 457mm)	196 (0.127)	1.3 (0.090)	10.0 (0.689)	N/A	N/A
12" x 24" (305mm x 610mm)	264 (0.170)	1.3 (0.090)	10.0 (0.689)	N/A	N/A
16" x 18" (406mm x 457mm)	266 (0.172)	1.3 (0.090)	10.0 (0.689)	N/A	N/A
17-1/8" x 17 1/8" (435mm x 435mm)	272 (0.175)	1.3 (0.090)	10.0 (0.689)	N/A	N/A
19 7/8" x 19 7/8" (500mm x 500mm)	363 (0.234)	1.25 (0.086)	10.0 (0.689)	6.6 (0.455)	10.0 (0.689)
18" x 24" (457mm x 610mm)	405 (0.261)	1.2 (0.083)	10.0 (0.689)	6.6 (0.455)	10.0 (0.689)
20" x 24" (508mm x 610mm)	452 (0.291)	1.2 (0.083)	10.0 (0.689)	6.4 (0.441)	10.0 (0.689)
18" x 28" (457mm x 711mm)	474 (0.306)	1.2 (0.083)	10.0 (0.689)	6.2 (0.427)	10.0 (0.689)
18" x 30" (457mm x 762mm)	508 (0.328)	1.2 (0.083)	10.0 (0.689)	6.0 (0.414)	10.0 (0.689)
24" x 24" (610mm x 610mm)	546 (0.352)	1.2 (0.083)	10.0 (0.689)	5.8 (0.400)	10.0 (0.689)
18" x 35" (457mm x 889mm)	595 (0.384)	1.2 (0.083)	10.0 (0.689)	5.5 (0.379)	10.0 (0.689)
18" x 36" (457mm x 914mm)	612 (0.395)	1.2 (0.083)	10.0 (0.689)	5.5 (0.379)	10.0 (0.689)
20.5" x 32.3" (520mm x 820mm)	626 (0.404)	1.2 (0.083)	10.0 (0.689)	5.5 (0.379)	10.0 (0.689)
18" x 37-3/4" (457mm x 959mm)	642 (0.414)	1.2 (0.083)	10.0 (0.689)	5.5 (0.379)	10.0 (0.689)
24" x 30" (610mm x 762mm)	685 (0.442)	1.1 (0.076)	10.0 (0.689)	5.2 (0.356)	10.0 (0.689)
27" x 27.5" (686mm x 698mm)	708 (0.457)	1.1 (0.076)	10.0 (0.689)	5.2 (0.356)	10.0 (0.689)
27.6" x 27.6" (700mm x 700mm)	725 (0.468)	1.1 (0.076)	10.0 (0.689)	5.2 (0.356)	10.0 (0.689)
23.1" x 36.2" (586mm x 920mm)	797 (0.514)	1.1 (0.076)	10.0 (0.689)	5.2 (0.356)	10.0 (0.689)
24" x 36" (610mm x 914mm)	825 (0.532)	1.0 (0.069)	10.0 (0.689)	4.6 (0.317)	10.0 (0.689)

SIZE INCHES (mm)	RELIEF AREA in ² (m ²)	RUPTURE PRESSURES AVAILABLE			
		FLUOROPOLYMER SEAL PSIG @ 72° F (bar)		ALUMINUM SEAL PSIG @ 72° F (bar)	
30" x 30" (762mm x 762mm)	862 (0.556)	1.0 (0.069)	10.0 (0.689)	4.5 (0.310)	10.0 (0.689)
20.5" x 44" (521mm x 1118mm)	859 (0.554)	1.0 (0.069)	10.0 (0.689)	4.5 (0.310)	10.0 (0.689)
20" x 48" (508mm x 1219mm)	914 (0.589)	1.0 (0.069)	10.0 (0.689)	4.4 (0.303)	10.0 (0.689)
27" x 36" (686mm x 914mm)	931 (0.601)	1.0 (0.069)	10.0 (0.689)	4.3 (0.296)	10.0 (0.689)
25" x 40" (635mm x 1016mm)	957 (0.618)	1.0 (0.069)	10.0 (0.689)	4.2 (0.290)	10.0 (0.689)
27" x 39" (686mm x 991mm)	1010 (0.652)	1.0 (0.069)	9.6 (0.662)	4.1 (0.283)	9.6 (0.662)
24" x 44" (610mm x 1118mm)	1011 (0.652)	1.0 (0.069)	9.6 (0.662)	4.1 (0.283)	9.6 (0.662)
25" x 43" (635mm x 1092mm)	1030 (0.664)	1.0 (0.069)	9.5 (0.655)	4.0 (0.276)	9.5 (0.655)
27" x 40" (686mm x 1016mm)	1036 (0.669)	1.0 (0.069)	9.5 (0.655)	4.0 (0.276)	9.5 (0.655)
30" x 36" (762mm x 914mm)	1038 (0.669)	1.0 (0.069)	9.5 (0.655)	4.0 (0.276)	9.5 (0.655)
25.5" x 43.1" (648mm x 1096mm)	1056 (0.681)	1.0 (0.069)	9.5 (0.655)	4.0 (0.276)	9.5 (0.655)
24" x 47" (610mm x 1194mm)	1081 (0.697)	1.0 (0.069)	9.2 (0.634)	3.9 (0.269)	9.2 (0.634)
24" x 48" (610mm x 1219mm)	1104 (0.712)	0.9 (0.062)	9.1 (0.627)	3.8 (0.262)	9.1 (0.627)
27" x 43" (686mm x 1092mm)	1115 (0.719)	0.9 (0.062)	9.1 (0.627)	3.8 (0.262)	9.1 (0.627)
25" x 47" (635mm x 1194mm)	1127 (0.727)	0.9 (0.062)	9.1 (0.627)	3.8 (0.262)	9.1 (0.627)
27.5" x 44.3" (698mm x 1126mm)	1171 (0.755)	0.9 (0.062)	9.1 (0.627)	3.8 (0.262)	9.1 (0.627)
25" x 49" (635mm x 1245mm)	1176 (0.758)	0.9 (0.062)	9.1 (0.627)	3.8 (0.262)	9.1 (0.627)
31.5" x 39.4" (800mm x 1000mm)	1195 (0.771)	0.9 (0.062)	9.1 (0.627)	3.8 (0.262)	9.1 (0.627)
36" x 36" (914mm x 914mm)	1251 (0.807)	0.8 (0.055)	8.6 (0.593)	3.7 (0.255)	8.6 (0.593)
30" x 44" (762mm x 1118mm)	1272 (0.820)	0.8 (0.055)	8.6 (0.593)	3.7 (0.255)	8.6 (0.593)
27" x 52" (686mm x 1321mm)	1351 (0.872)	0.7 (0.048)	8.4 (0.579)	3.5 (0.241)	8.4 (0.579)
27.5" x 51.6" (698mm x 1310mm)	1365 (0.880)	0.7 (0.048)	8.4 (0.579)	3.5 (0.241)	8.4 (0.579)

SIZE INCHES (mm)	RELIEF AREA in ² (m ²)	RUPTURE PRESSURES AVAILABLE			
		FLUOROPOLYMER SEAL PSIG @ 72° F (bar)		ALUMINUM SEAL PSIG @ 72° F (bar)	
30" x 48" (762mm x 1219mm)	1389 (0.896)	0.7 (0.048)	8.4 (0.579)	3.5 (0.241)	8.4 (0.579)
36" x 38" (965mm x 965mm)	1396 (0.901)	0.7 (0.048)	8.4 (0.579)	3.5 (0.241)	8.4 (0.579)
25.5" x 57.1" (648mm x 1450mm)	1401 (0.904)	0.7 (0.048)	8.4 (0.579)	3.5 (0.241)	8.4 (0.579)
31.5" x 47.2" (800mm x 1200mm)	1437 (0.927)	0.7 (0.048)	8.3 (0.572)	3.5 (0.241)	8.3 (0.572)
39.4" x 39.4" (1000mm x 1000mm)	1501 (0.968)	0.7 (0.048)	8.3 (0.572)	3.5 (0.241)	8.3 (0.572)
27" x 58" (686mm x 1473mm)	1509 (0.973)	0.7 (0.048)	8.2 (0.565)	3.5 (0.241)	8.2 (0.572)
27.5" x 57.1" (698mm x 1450mm)	1512 (0.975)	0.7 (0.048)	7.9 (0.545)	3.4 (0.234)	7.9 (0.545)
36" x 44" (914mm x 1118mm)	1533 (0.989)	0.7 (0.048)	7.9 (0.545)	3.4 (0.234)	7.9 (0.545)
25" x 66" (635mm x 1676mm)	1588 (1.024)	0.6 (0.041)	7.8 (0.538)	3.3 (0.228)	7.8 (0.538)
27" x 66" (686mm x 1676mm)	1719 (1.109)	0.5 (0.034)	7.4 (0.510)	3.2 (0.221)	7.4 (0.510)
36.2" x 49.4" (920mm x 1254mm)	1733 (1.118)	0.5 (0.034)	7.4 (0.510)	3.2 (0.221)	7.4 (0.510)
30" x 60" (762mm x 1524mm)	1740 (1.122)	0.5 (0.034)	7.4 (0.510)	3.2 (0.221)	7.4 (0.510)
42" x 44" (1067mm x 1118mm)	1794 (1.157)	0.5 (0.034)	7.4 (0.510)	3.1 (0.214)	7.4 (0.510)
44" x 44" (1118mm x 1118mm)	1881 (1.213)	0.5 (0.034)	7.2 (0.496)	3.1 (0.214)	7.2 (0.496)
44.5" x 44.5" (1130mm x 1130mm)	1925 (1.241)	0.5 (0.034)	7.1 (0.490)	3.0 (0.207)	7.1 (0.490)
36" x 60" (914mm x 1524mm)	2097 (1.353)	0.5 (0.034)	7.0 (0.483)	3.0 (0.207)	7.0 (0.483)
39" x 66.5" (990mm x 1690mm)	2524 (1.628)	0.3 (0.021)	6.4 (0.441)	2.8 (0.193)	6.4 (0.441)
44" x 60" (1118mm x 1524mm)	2573 (1.660)	0.3 (0.021)	6.4 (0.441)	2.8 (0.193)	6.4 (0.441)
42" x 65" (1067mm x 1651mm)	2660 (1.716)	0.3 (0.021)	6.3 (0.434)	2.8 (0.193)	6.3 (0.434)
44" x 69" (1118mm x 1753mm)	2962 (1.911)	0.2 (0.014)	6.1 (0.421)	2.7 (0.186)	6.1 (0.421)

For Sizes Or Pressures Not Listed, Please Consult Factory

* The panels do not require seal materials; the min/max tables are the same as CRV panels listed with fluoropolymer seals. MV/MV-S panels are available in select sizes only. Consult Osco factory for your specific application.