

Explosion Vent KE



If the negative pressure is not greater than 60% of the rated rupture pressure, installation of a domed vent has no extra benefit. For this application the KE is an alternative to the domed GE. The KE provides long durability and aerodynamic advantages compared to the domed type, for example in cyclones. Pressure spike dampening, integrated flange gaskets, cross rib and folded edges are standard KE design features.

Millimeters				Inches			
Inside		Outside		Inside		Outside	
Length	Width	Length	Width	Length	Width	Length	Width
110	290	170	350	4.33	11.42	6.69	13.78
229	229	309	309	9.02	9.02	12.17	12.17
205	290	285	370	8.07	11.42	11.22	14.57
229	305	309	385	9.02	12.01	12.17	15.16
150	600	230	680	5.91	23.62	9.06	26.77
220	420	300	500	8.66	16.54	11.81	19.69
340	385	400	445	13.39	15.16	15.75	17.52
305	457	381	534	12	18	15	21
247	610	327	690	9.72	24.02	12.87	27.17
340	440	400	500	13.39	17.32	15.75	19.69
410	410	490	490	16.14	16.14	19.29	19.29
300	620	380	700	11.81	24.41	14.96	27.56
305	610	381	686	12	24	15	27
320	640	380	700	12.60	25.20	14.96	27.56
319	765	399	845	12.56	30.12	15.71	33.27
490	490	570	570	19.29	19.29	22.44	22.44
375	655	455	735	14.76	25.79	17.91	28.94
390	620	470	700	15.35	24.41	18.50	27.56
360	710	440	790	14.17	27.95	17.32	31.10
445	597	525	677	17.52	23.50	20.67	26.65
470	610	550	690	18.50	24.02	21.65	27.17
490	590	570	670	19.29	23.23	22.44	26.38
420	770	500	850	16.54	30.31	19.69	33.46
247	1345	327	1425	9.72	52.95	12.87	56.10
525	668	645	788	20.67	26.30	25.39	31.02

Chart details standard size vents. Contact IEP for any custom requirements

Millimeters				Inches			
Inside		Outside		Inside		Outside	
Length	Width	Length	Width	Length	Width	Length	Width
610	610	686	686	24	24	27	27
457	890	534	965	18	35	21	38
247	1645	327	1725	9.72	64.76	12.87	67.91
620	670	680	730	24.41	26.38	26.77	28.74
645	645	735	735	25.39	25.39	28.94	28.94
653	653	733	733	25.71	25.71	28.86	28.86
669	669	735	735	26.34	26.34	28.94	28.94
630	730	710	810	24.80	28.74	27.95	31.89
520	1020	600	1100	20.47	40.16	23.62	43.31
586	920	666	1000	23.07	36.22	26.22	39.37
610	915	686	991	24	36	27	39
500	1100	580	1180	19.69	43.31	22.83	46.46
750	750	830	830	29.53	29.53	32.68	32.68
420	1420	500	1500	16.54	55.91	19.69	59.06
629	1004	689	1064	24.76	39.53	27.13	41.89
750	840	830	920	29.53	33.07	32.68	36.22
801	801	880	880	31.54	31.54	34.65	34.65
500	1350	580	1430	19.69	53.15	22.83	56.30
610	1118	690	1198	24.02	44.02	27.17	47.17
610	1219	686	1295	24	48	27	51
645	1130	725	1210	25.39	44.49	28.54	47.64
720	1020	800	1100	28.35	40.16	31.50	43.31
915	915	991	991	36	36	39	39
920	920	1000	1000	36.22	36.22	39.37	39.37
970	970	1050	1050	38.19	38.19	41.34	41.34
915	1118	991	1194	36	44	39	47
1000	1000	1080	1080	39.37	39.37	42.52	42.52
586	1727	666	1807	23.07	67.99	26.22	71.14
1020	1020	1100	1100	40.16	40.16	43.31	43.31
790	1340	870	1420	31.10	52.76	34.25	55.91
720	1670	800	1750	28.35	65.75	31.50	68.90
1118	1118	1194	1194	44	44	47	47
1130	1130	1220	1220	44.49	44.49	48.03	48.03
1131	1131	1220	1220	44.53	44.53	48.03	48.03
920	1380	1000	1460	36.22	54.33	39.37	57.48
1130	1520	1220	1610	44.49	59.84	48.03	63.39
1118	1753	1193	1828	44	69	47	72
1130	1727	1230	1827	44.49	67.99	48.43	71.93
1000	2000	1080	2080	39.37	78.74	42.52	81.89

Chart details standard size vents. Contact IEP for any custom requirements



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