

## Thermal Explosion Vent (Square & Rectangular)

	Panel	Frame	Vent-Tel Detection
Thermal Explosion Vent	Yes	Optional	Optional*

### Standard Sizes – Square, Rectangular

Internal Dimensions	External Dimensions	Vent Area	Tolerance	Operating Ratio	Standard Burst Pressure Offering**
180 x 140	260 x 220	0.01	25%	60%	0.1barg @ 15/30°C
305 X 299	385 x 379	0.08	25%	60%	0.1barg @ 15/30°C
395 x 240	455 x 300	0.08	25%	60%	0.1barg @ 15/30°C
395 x 395	455 x 455	0.14	25%	60%	0.1barg @ 15/30°C
410 x 410	490 x 490	0.15	25%	60%	0.1barg @ 15/30°C
420 x 420	500 x 500	0.16	25%	60%	0.1barg @ 15/30°C
440 x 340	520 x 420	0.13	25%	60%	0.1barg @ 15/30°C
457 X 305	537 x 385	0.12	25%	60%	0.1barg @ 15/30°C
490 x 490	570 x 570	0.22	25%	60%	0.1barg @ 15/30°C
590 x 490	670 x 570	0.23	25%	60%	0.1barg @ 15/30°C
610 x 247	690 x 327	0.13	25%	60%	0.1barg @ 15/30°C
610 x 305	690 x 385	0.17	25%	60%	0.1barg @ 15/30°C
610 x 458	690 x 538	0.26	25%	60%	0.1barg @ 15/30°C
610 x 470	690 x 550	0.27	25%	60%	0.1barg @ 15/30°C
610 x 510	690 x 590	0.29	25%	60%	0.1barg @ 15/30°C
610 x 610	690 x 690	0.34	25%	60%	0.1barg @ 15/30°C
620 X 390	700 x 470	0.22	25%	60%	0.1barg @ 15/30°C
645 x 645	725 x 725	0.38	25%	60%	0.1barg @ 15/30°C
653 x 653	733 x 733	0.39	25%	60%	0.1barg @ 15/30°C
655 X 375	735 x 455	0.23	25%	60%	0.1barg @ 15/30°C
655 x 655	735 x 735	0.40	25%	60%	0.1barg @ 15/30°C
668 x 525	748 x 605	0.32	25%	60%	0.1barg @ 15/30°C
670 x 670	750 x 750	0.42	25%	60%	0.1barg @ 15/30°C
762 x 457	842 x 537	0.32	25%	60%	0.1barg @ 15/30°C
762 x 610	842 x 690	0.43	25%	60%	0.1barg @ 15/30°C
770 x 770	850 x 850	0.55	25%	60%	0.1barg @ 15/30°C
890 x 457	970 x 537	0.37	25%	60%	0.1barg @ 15/30°C
914 x 610	994 x 690	0.51	25%	60%	0.1barg @ 15/30°C
920 x 586	1000 x 666	0.49	25%	60%	0.1barg @ 15/30°C
920 x 920	1000 x 1000	0.79	25%	60%	0.1barg @ 15/30°C
1000 x 1000	1080 x 1080	0.93	25%	60%	0.1barg @ 15/30°C
1004 x 629	1084 x 709	0.59	25%	60%	0.1barg @ 15/30°C
1020 x 1020	1100 x 600	0.97	25%	60%	0.1barg @ 15/30°C
1020 x 520	1100 x 600	0.49	25%	60%	0.1barg @ 15/30°C
1118 x 610	1198 x 690	0.64	25%	60%	0.1barg @ 15/30°C
1118 x 915	1198 x 995	0.95	25%	60%	0.1barg @ 15/30°C
1130 x 1130	1210 x 1210	1.18	25%	60%	0.1barg @ 15/30°C
1140 x 655	1220 x 735	0.68	25%	60%	0.1barg @ 15/30°C

\*Cold face temperature must not exceed 200°C

\*\*Others available on request

Shapes Available	Materials
Round, Rectangular, Square*** Flat & Domed Constructions	Stainless Steel as standard

Round – available from 250mm to 1200mm (Nominal Bore)

Tolerance – 25%

Operating Ratio – 60%

Standard Burst Pressure – 0.1barg @15/30°C

\*\*\*Other shape designs may be available on request. Request size information from Elfab for Round variations.