VIGILEX®
SAFETY PROTECTION By STIF

Craig Equipment Company
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NEW

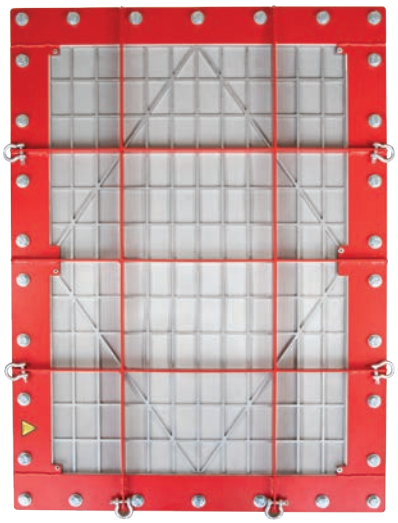
Flameless Explosion Vent VIGIFLAM Vİ

APPLICATIONS

The **flameless explosion vent VIGIFLAM Vİ** is designed in a rectangular shape and consists of three main components: the body, a metal filter composed of several layers to cool flames, and a new innovative explosion panel. This stainless steel membrane is weakened in the middle allowing to rupture when excessive overpressure occurs inside the enclosure intended to be protected.

The purpose of the **VIGIFLAM Vİ** is to neutralize the flame effects produced during an explosion, which would typically vent through a standard explosion panel. By containing the flames, it helps protect both people and property within a building or room.

The **VIGIFLAM Vİ** is specifically optimized for conveyors - bucket, belt, chain, and screw conveyors - due to its compact and efficient design, making it suitable for protecting such equipment in industrial settings.



CERTIFICATIONS & STANDARDS

Ex II D

EN 16009

EC Certificate:
GEX 24ATEX 1036X

Production quality assurance notification :
INERIS 08ATEXQ406

CERTIFIED FOR:
- Organic dust
- Fiber dust

STANDARD FEATURES

- Vent panel
- Mild steel body + coating
- 304 Stainless steel mesh
- Integrated Silicone gasket
- Integrated burst sensor

OPTIONAL FEATURES

- Waterproof sanitary cover

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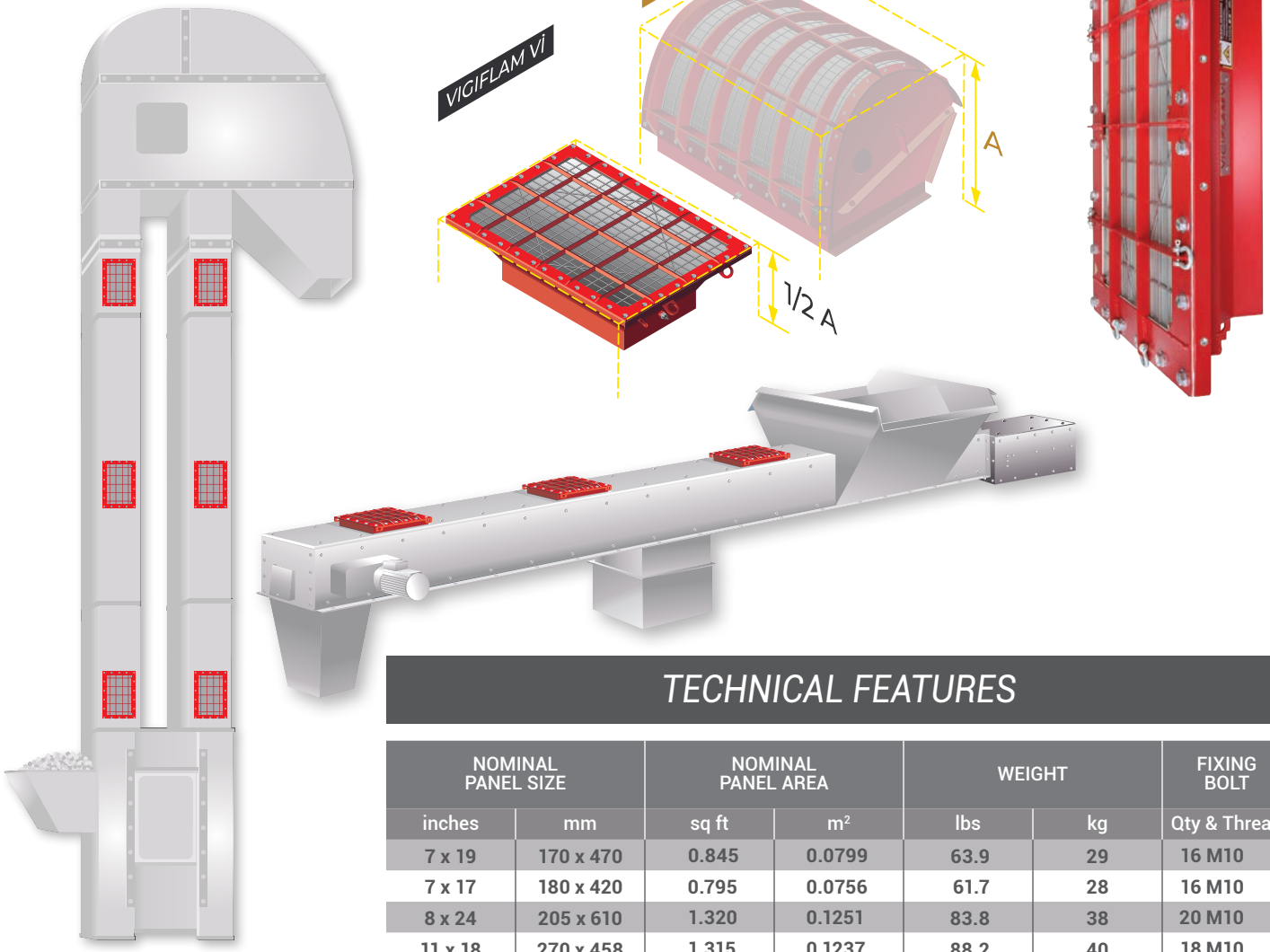
APPLICATIONS

The **VIGIFLAM Vİ** is a flameless explosion vent for bucket elevators & belt conveyors.

50% LESS VOLUME THAN THE VIGIFLAM VQ



TECHNICAL FEATURES

NOMINAL PANEL SIZE		NOMINAL PANEL AREA		WEIGHT		FIXING BOLT
inches	mm	sq ft	m²	lbs	kg	Qty & Thread
7 x 19	170 x 470	0.845	0.0799	63.9	29	16 M10
7 x 17	180 x 420	0.795	0.0756	61.7	28	16 M10
8 x 24	205 x 610	1.320	0.1251	83.8	38	20 M10
11 x 18	270 x 458	1.315	0.1237	88.2	40	18 M10
12 x 24	305 x 610	1.980	0.1861	121.3	55	22 M10
14 x 26	350 x 650	2.420	0.2275	147.7	67	22 M10
19 x 23	490 x 590	3.085	0.2891	173.4	80	26 M10

Kst max ≤ 200 bar m/s	Pmax : 9.4 bar	Pred : 1 bar	Pstat ≤ 0.1 bar (±20%)

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