



VIGILEXVQ® APPLICATIONS

The VIGILEX VQ is a rectangular flameless device connected with an internal standard panel VIGILEX bursting panel.

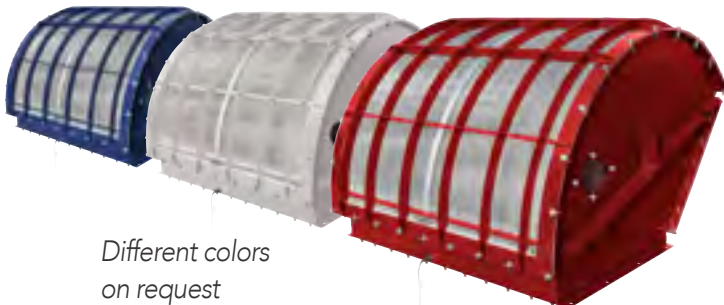
It can be used with great effect indoors and outdoors and is a fast and easy solution instead of cumbersome and expensive solutions with pipe installations to the open air.

VIGILEX VQ provides effective low pressure resistance, eliminating the spread of flame and glowing particles. During the early stage of an explosion, the explosion vent opens. The flame, burned and unburned dust enter the flame arrestor element. Flame propagation beyond the VQ is prevented by energy dissipation in the filter element, reducing the burning fuel below its ignition temperature.

The dust is retained within the VQ and gases from the explosion are vented through the device into the external atmosphere around the device.

STANDARD CHARACTERISTICS

- VL flat vent panel or VD domed vent panel included
- Mild steel body + coating
- Stainless steel mesh
- Burst sensor VIGILEX SEC included



Different colors
on request

CERTIFICATIONS

Ex II GD
Ex II 2 D

EN 16009

EC Certificate: INERIS 14ATEX0049X

Production quality assurance notification:
INERIS 08ATEXQ406

CERTIFIED FOR:

Organic dust - Fiber dust - **Metal dust** - Gas

NEW

ACCESSORIES for VIGILEX VQ

- Sanitary cover



- Body made of stainless steel
(See page 23)

Flameless **dimensions:** **VIGILEXVQ LW®** Light weight - Pred: 0,5 bar

VIGILEXVQ HW® High Weight - Pred: 2,3 bar

FLAMELESS

VIGILEX VQ SPECIFICATIONS

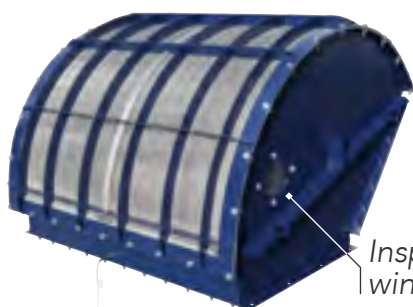
VIGILEX VQ		IN COMBINATION WITH VENT PANEL			BOLT SPECS	
MODEL		Nominal Size (mm/inch)		Nominal Square (m²/ft²)	Qty	Size
VIGILEX VQ	170x470	170 x 470 mm -	7 x 19 in	0,0785 m² - 0,845 sqft	20	M10x30
VIGILEX VQ	270x458	270 x 458 mm -	11 x 18 in	0,1220 m² - 1,315 sqft	22	M10x30
VIGILEX VQ	300x500	300 x 500 mm -	12 x 20 in	0,1480 m² - 1,595 sqft	24	M10x30
VIGILEX VQ	305x610	305 x 610 mm -	12 x 24 in	0,1840 m² - 1,980 sqft	26	M10x30
VIGILEX VQ	350x650	350 x 650 mm -	14 x 26 in	0,2250 m² - 2,425 sqft	26	M10x30
VIGILEX VQ	490x590	490 x 590 mm -	19 x 23 in	0,2865 m² - 3,084 sqft	32	M10x30
VIGILEX VQ	610x610	610 x 610 mm -	24 x 24 in	0,3695 m² - 3,975 sqft	32	M10x30
VIGILEX VQ	586x920	586 x 920 mm -	23 x 36 in	0,5360 m² - 5,770 sqft	42	M10x30
VIGILEX VQ	920x920	920 x 920 mm -	36 x 36 in	0,8425 m² - 9,068 sqft	50	M10x30
VIGILEX VQ	1130x1130	1130 x 1130 mm -	44 x 44 in	1,2720 m² - 13,696 sqft	58	M10x30

TECHNICAL INFORMATION

VIGILEX VQ LW	Kst max 500	Pmax ≤ 10 bar	Pred ≤ 0,5 bar	Pstat = 0,1 to 0,3 bar
VIGILEX VQ HW	Kst max 500	Pmax ≤ 10 bar	Pred ≤ 2,3 bar*	Pstat = 0,1 to 0,5 bar

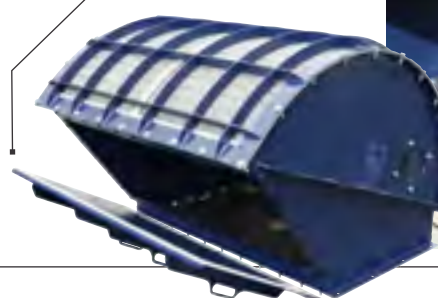
*Pred < 1,85 for VQ 920x920 and 1130x1130

ADVANTAGES



Inspection*

Access door



* Only available on VQ LW