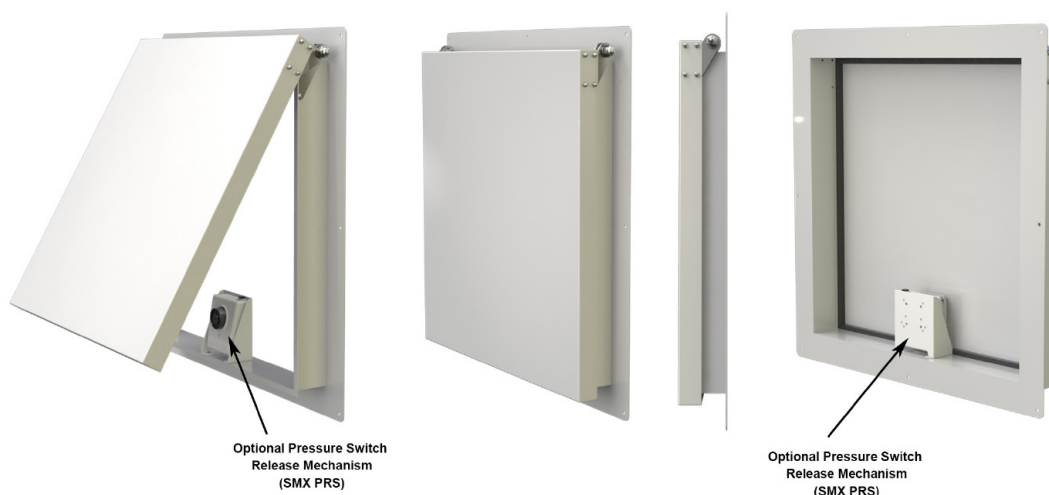


## SMX

# Smoke Seal Blast Panel (Optional Pressure Switch Release System)



The SMX Smoke Seal Blast Panel has been designed to offer superior smoke and particle ingress protection for building over pressure protection.

Whilst not IP rated as with the AFP IBP Insulated Blast Panel (IP6X) the SMX provides a simpler 'budget' solution for smoke and particle ingress protection.

Can be used on its own where no fire rating is required or in combination with AFP's range of inert gas pressure relief dampers such as the SHX and EVI-60 to give up to 4 hour fire integrity (SHX UN) or 1 hour fire insulation to EI60 (EVI-60 Damper).

Ideal for internal or external applications the SMX can be mounted on walls, ceiling and roofs.

The unique robust 'offset hinges' uses the weight of the door to keep it shut and sealed whilst offering superior pressure relief operation.

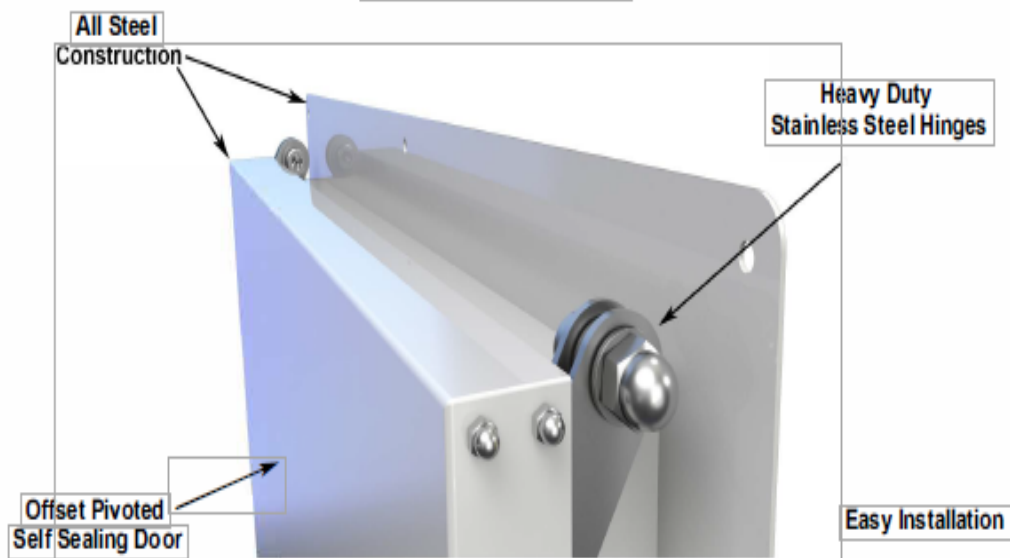
## SMX PRS

For even greater seal and security without effecting is blast protection the SMX PRS, with its pressure switch release mechanism, can be used. The SMX PRS consists of a 24v 500Nm electromagnet connected to a pressure sensing switch that instantaneously cuts the magnet power on sensing a building overpressure event. Can be set to release between 50 and 250 pascals.

# SMX Smoke Seal Blast Panel

(Optional Pressure Switch Release System)

## Robust Design



## Pressure Switch Release Mechanism (SMX PRS)

(Available Spring 2019)



**Magnet Receiver**



**500Nm Electromagnet**



DATA SHEET

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## PRODUCT SPECIFICATION

Product Code	SMX 300	SMX 500	SMX 700	SMX 1000
Free Vent Area	0.09m <sup>2</sup>	0.25m <sup>2</sup>	0.49m <sup>2</sup>	1.0m <sup>2</sup>
WxHxD	440x420x75mm	640x620x75mm	840x820x75mm	1140x1120x75mm
Hole cut out	360x350mm	560x550mm	760x750mm	1060x1050mm
Weight	12kg	15kg	20kg	30kg

## PRODUCT INFORMATION

- Can be used as standalone unit or for fire rating in combination with SHX UN dampers.
- Can be installed on both walls and roofs.
- Surface mount so fits any sized wall
- Optional Pressure Release Mechanism available re SMX PRS.
- Designed to mitigate smoke ingress whilst provide over pressure protection.
- Blast tested in the AFP Blast simulation for peak pressure compensation recommendations for sand alone and damper combinations use for both gas suppression discharges and high energy blast protection performance