

# High-X Vents

**THE MOST  
ECONOMICAL CHOICE IN  
FIRE SUPPRESSION VENTING**

## THE HIGH-X ADVANTAGE

The High-X vent provides a simple and cost-effective way of relieving pressure from a gaseous fire suppression discharge, protecting your enclosure from potential damage. With **High-X**, pressures are kept within acceptable levels and the gas remains in the protected space for the required time, to allow the fire to be completely extinguished.

- Fully Open at 95.5 Pascals
- Full European and US Fire Test Approval

Fike provides all you need – from starting calculations to installation. Efficiency, cost-effectiveness and ease of use – you get it all with Fike **HIGH-X vents** and **PROINERT** inert gas fire suppression.

## HIGH-X VENTS

FOR PRESSURE RELIEF FROM  
GASEOUS FIRE SUPPRESSION DISCHARGES

While inert gas fire suppression systems are an excellent, environmentally sound means of protecting key assets and rooms, one thing is clear — adding an additional 50% volume into a protected space (the fire suppressant agent) will cause a pressure increase. This can cause damage to the room, **if not vented**.

Fike combines the most sophisticated inert gas system available, with the **High-X** line of pressure relief vents — proven to provide a greater efficiency factor of free vent area at all pressures. The **High-X** design uses the dynamic weight balance of the blades combined with unique interlocking aerofoil sections to not only provide superior resistance to fire penetration, but utilises the forces available from a gas suppression discharge to “self actuate” the vent. This unique vent design provides 85% free vent area (80% if mounted horizontally) from a room pressure of 95.5 Pascals and upwards. That means fewer and smaller vents and less construction time – **for the most economical choice in fire suppression venting.**



### HIGH-X RANGE SIZE CHART

PART NO.	FVA M <sup>2</sup> @ 95.5 PA (Free Vent Area)
PR Vent 300X	0.076
PR Vent 500X	0.212
PR Vent 700X	0.416
PR Vent 1000X	0.85

*HIGH-X vents come in 4 standard sizes: 300, 500, 700, 1000 mm<sup>2</sup>; and can be flush-mounted in a wall, door, ductwork or ceiling.*

# Fike®

WWW.FIKE.COM



## IMPROVED HIGH-X VENTS

### ACCESSORIES ... EVERYTHING YOU NEED

#### Easy to Fit

Using a simplified fitting system, there is no need to buy additional parts. With the unique wall sleeve flange, wall extension sleeve and easy to install fitting system, the improved High-X vents can be fitted in minutes!

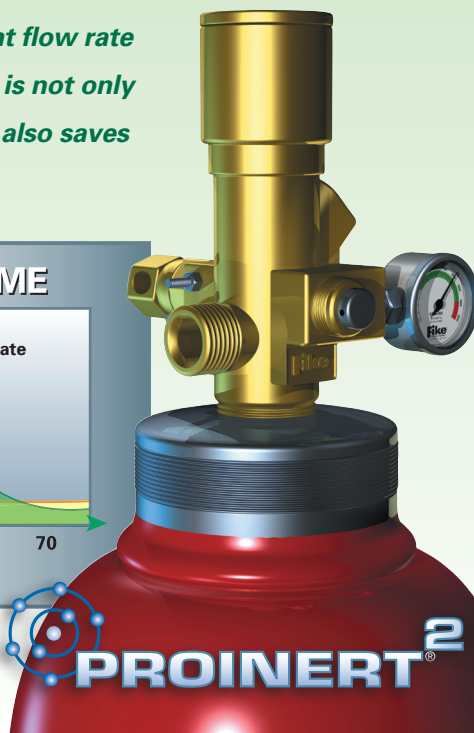
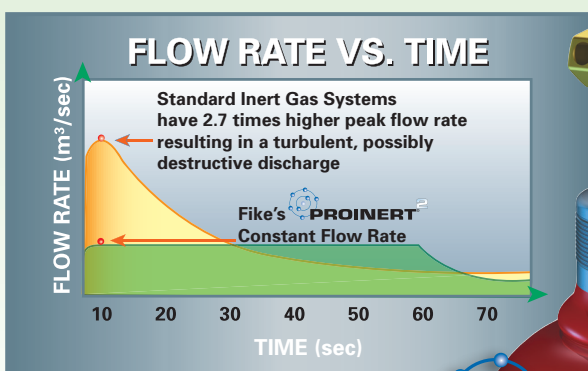
- New frame system with improved rigidity
- Superior seal integrity for higher gas retention
- 4-hour fire rated
- Fits walls up to 400 mm
- Fully Powder Coated
- Vertical or Horizontal

## PROINERT<sup>2</sup> – THE COMPLETE PACKAGE

Fike's **PROINERT<sup>2</sup>** offers all the benefits of other inert gas systems with significant design improvements - enhancements that mean a superior product AND savings to your bottom line!

Because of its unique patented valve assembly, **PROINERT<sup>2</sup>** agent enters the protected room within the industry required 60 seconds, but at a steady flow rate -- preventing destructive turbulence from occurring. The constant flow rate means you can use small-diameter, low pressure (and less expensive) piping from the inert gas container, all the way to the nozzle. And the necessary venting area is considerably smaller - reducing installation costs by as much as 60% on venting hardware compared to other inert gas systems. And the new **PROINERT<sup>2</sup>** offers several additional advantages, including the inclusion of 4 inert gas options, for flexibility in design and application fulfillment. **PROINERT<sup>2</sup>** also offers actuation at the valve, eliminating the need for additional hardware. This not only simplifies the actuation process, it reduces costs and on-going maintenance.

**PROINERT<sup>2</sup>'s** *patented constant flow rate valve translates into a system that is not only safer for your staff and facility, but also saves you money.*



## High-X Vents

**THE MOST**

**ECONOMICAL CHOICE IN**

**FIRE SUPPRESSION VENTING**

**PROINERT<sup>2</sup> Inert Gas System and High-X Vents –**

***A Combination that Equals Cost Savings AND Efficient Performance***

**For further information:**

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# Fike®

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