



Pressure Relief Dampers



Developed to work with Gas Suppression Systems

Pressure Relief Dampers are designed to operate at the required pressure without any problem with fires due to their 4 Hour Fire Rate. We have a quick availability in Dampers which are also 3rd Party Certified and comes with a 5 Year Guarantee.

The Stainless Steel range is manufactured in 316L stainless steel for installation in corrosive environments and comes with a 10 Year Guarantee.



Pressure Relief Dampers

Chemical Gases Solution

The Chemical Gases Solution is a two way pressure relief damper for halocarbon gases and provides a level of performance not otherwise available for this application, which is ideal for chemical gas, FM-200 and Novec suppression systems.

Designed for and using the 2008 BRE live gas discharge tests, it is the only

pressure vent on the market to have its free vent area (FVA) certified to BRE standard. Guardian Fire tested for UL 555 2 hour fire resistance rating.

The damper has the ability to be further tested on Blast Simulator, with FM-200 and Novec gas suppression systems. Static fan test opening pressure 180pa positive.

Inert Gases Solution

The Inert Gases Solution is a single way pressure relief damper for inert gases and CO₂ systems. It's unique design offers users the industry's best solution for last protection and gas suppression pressure relief for all inert gases and CO₂.

The damper is the only pressure vent on the market to have the largest true value FVA available correctly 3rd party verified to BRE live discharge test 122084. VDA calculated vent dynamic coefficient (vDc) of 1.15, for gas suppression systems only.

Advantages

Certified to BRE live discharge test 122084

Dumper Blast and Explosion tested with Dumper blast simulator

4 Hour Fire Rated by Exova

UL 555 by Guardian Fire

Can be adapted for ceiling mounted applications

5 year guarantee

Not suitable for external coastal environments, will cause rust.

For coastal environments, Stainless Steel should be used.

Available off the shelf on Next Week Delivery*

* Depending on stock

Installation notes

Standard Kit can be installed into walls up to 380mm

For thicker walls additional Wall Liner Extensions are required

Constructed from Powder Coated Steel

RAL 9003 White (Colour change available for additional Cost)

For external walls EXP Expander Box Weather Louvre required

Kit includes wall liner, wall liner extension, fitting kit and intumescent mastic

