



Fire Detection & Suppression Systems

www.draperfire.co.uk

The Advanced SHX-Universal Pressure Vent

Fitted in minutes to walls of 1-400mm!

This advanced SHX-Universal Pressure Vent can fit walls of 1- 400mm and because of its unique wall sleeve flange and inclusion of a powder coated wall extension sleeve and a simplified fitting system, can be fitted in minutes with by an engineer without any need to buy extra parts!



The Advanced SHX-Universal PV offers:

- ▶ 100% Efficiency at 95.5 Pascals
- ▶ Gas Discharge Performance Tested
- ▶ 4 Hour Fire Rated
- ▶ Dynamic Co-efficient Factor of 1.15
- ▶ Life Time Guarantee
- ▶ High Quality to ISO9001
- ▶ Available within 24 hours
- ▶ The World's Best Performing Vent



Performance Certificaton

No 122084 BRE UK. Tested, Witnessed and Verified Live. Inert Gas and FM200 discharge tested by The Building Research Establishment (BRE)

The only third party verified vent on the market

In 2008 we undertook the development of a pressure venting test protocol using a series for live gas discharge tests with Inert Gases and Chemical Clean Agents to set the standard for pressure venting performance. The tests were witnessed and verified by the world renowned UK Building Research Establishment (BRE). This work also leads to a major improvement in venting calculation formulas using our Dynamic Co-efficient which is the first and lowest worldwide.

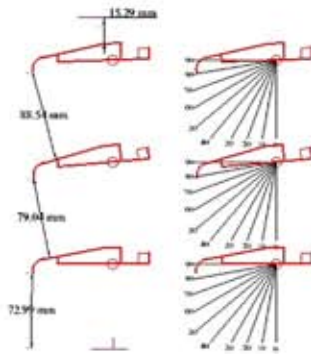
Leading the way
in air technology





Retrotec Integrity Testing Vent Calibration

Our unique interlocking Aerofoil balanced weight blade system provides a high performance level to enable the vents to be calibrated when installed. The latest Retrotec Testing software provides this ability and has led to a close alliance with Retrotec worldwide.

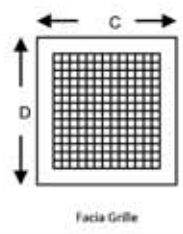
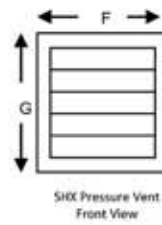
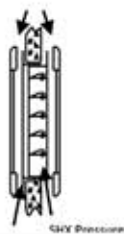


Blade positions at peak pressure of 251PA - as shown on SHX 300 GD2 data logging sheet.

Blades	Voltage	Blade Gap	X.003 for FVA (Blade width 300mm)
Blade 1	104.7v	88.5mm	0.0266m ²
Top Gap		15.3mm	0.0046m ²
Blade 2	100.3v	79mm	0.0237m ²
Blade 3	107.1v	73mm	0.0219m ²

The Advanced SHX-100 Universal is available in the following sizes:

Unit size	FVA M @ 95.5PA	Test Co-efficient
SHX300 G/L	0.076	1.15
SHX500 G/L	0.212	1.15
SHX700 G/L	0.416	1.15
SHX1000 G/L	0.85	1.15



Vent Size	300	500	700	1000
A(w)	350	550	750	1050
B(h)	340	540	740	1040
C&D	420	620	820	1120
E	120	120	120	120
F&G	415	615	815	1115
Flange Size	50	50	50	50
Unit Weight	12kg	19kg	34kg	53kg
Hole Cut-Out Size	360 x 350	560 x 550	760 x 750	1060 x 1050



Fire Detection & Suppression Systems

www.draperfire.co.uk