

DUX Two Way Pressure Vent



KEY FEATURES

Superior to single top pivot solutions, the DUX is a compact, extremely robust and efficient two way pressure relief vent, and ideal for chemical gases. The DUX is the world's first two way pressure relief vent for halocarbon gases (pat applied) and provides a level of performance not otherwise available for this application.

AFP's top weighted, offset pivoted aerofoil style blades have the best available efficiency, reaction time and all out performance. The two pivot design with adjacent blades interlocking offers superior fire protection with low overall leakage and unique pressure relief efficiency.

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.

The DUX has the ability to be further tested on AFP's Blast Simulator, with our FM-200 and NOVEC-1230 gas suppression systems.

Static fan test opening pressure 180pa positive

PRODUCT SPECIFICATION

Product code	DUX300	DUX500	DUX700	DUX1000
Neg Free Vent Area	0.077m ²	0.212m ²	0.416m ²	0.85m ²
Pos Free Vent Area	0.047m ²	0.128m ²	0.308m ²	0.556m ²
WxHxD	440x440x140mm	640x640x140mm	820x820x120mm	1120x1120x120mm
Hole cut out WxH	365x380mm	560x580mm	760x750mm	1060x1050mm
Weight	15kg	25kg	33.5kg	54kg

PRODUCT INFORMATION

- Vents are powder-coated to RAL 9003 - signal white, and have 4-hour fire rating
- Manufactured to ISO-9001
- The products carry a 5-year guarantee
- Fits walls from thin panels to 380 mm thick without any additional parts.
- When installing in external walls an EXP expander box weather louvre should also be installed
- For exterior walls less than 100 mm thick, where a Z frame may be required for surface mounting or for aesthetics
- The DUX comes with wall liner, wall liner extension, fitting kit, intumescent mastic and fitting instructions

Performance Certification

Witnessed & Verified by the Building Research Establishment (BRE)
Live inert gas and FM200 discharge test - Report No. 122084 BRE UK

Fire Rating Certification

European Approval

Tested by Exova
Standard Type: BS EN 1363-1 2012
Report No. 359639 4 hour integrity

INTEGRITY TESTING CALIBRATION

The AFP range of pressure vents does not require calibration from an integrity test as they are fully certified to the BRE Live Discharge test of 2008