

IBP

INSULATED BLAST PANEL



Product Overview

The IBP is a light weight insulated blast panel with an IP rated 100% gas, dust and weather seal. For use with inert gas systems, electrical switchgear and transformer building protection and explosive atmosphere building protection. Ideal for extreme environments such as deserts prone to dust storms and installations in areas subject to arctic temperatures. Also used for large FVA ventilation requirements in buildings with gas suppression systems, such as transformer bays, where extremely low leakage is required when closed for gas agent concentration duration whilst maintaining a very high level of blast protection. Designed and tested using live blast tests in the AFP blast simulator and for extreme temperatures in the AFP industrial freezer (down to -83degC).

PRODUCT SPECIFICATION

Product Code	IBP 300	IBP 500	IBP 700	IBP 1000
100% Free Vent Area	0.09m2	0.25m2	0.49m2	1.0m2
WxHxD	490x500x75mm	690x700x75mm	890x900x75mm	1190x1200x75mm
Hole cut out WxH	360x350mm	560x550mm	760x750mm	1060x1050mm
Weight	8.5kg	12kg	21kg	35kg

PRODUCT INFORMATION

- Has a vDC of 1.15 but due to unique design won't open below 200pa when wind force is applied
- A vDc of 1.15 means the IBP conforms to a similar performance to the BRE certified performance of the SHX range
- Can be installed into walls up to 190mm. Above this an WLX extension sleeve takes this to 390mm
- For security a variety of low to high security grilles can be supplied
- Can be installed with the SHX range of vents for fire rating of 4 hours
- Superior efficiency for blast protection vDc of 1.15 for gas suppression systems
- 100% Free Vent Area
- Insulation 'R' value of 0.034
- Superior sound insulation due to insulation and full air seal
- Superior performance for high energy blasts from switchgear and transformer protection
- Unbeatable gas retention for suppression systems being 100% sealed when closed
- Fully tested in the AFP Blast simulator for all types of blast protection
- Tested to -80 degC in our industrial freezer
- Manufactured to ISO-9001
- The products carry a 5-year guarantee

PERFORMANCE CERTIFICATION

IP Certified to IP5X Cat II & IPX3 by CSA Group

