

A range of Vision Panel Lites and windows to provide awareness of pedestrians, or potential threats on the other side of the door, or wall. Each designed to provide resistance to a combination of forced entry, blast, ballistic and fire protection. Successfully tested and certified to many international standards.

Vision Panel Lites are supplied as a pre-assembled package for fast-easy installation, suitable for varying door and wall thicknesses, a perfect additional feature for high performance doors.

FEATURES

- Pre-assembled and bolt-through mounting makes for a fast-easy installation
- Choice of multiple threat protection
- Standard sizes for fast delivery (clear vision)
- 170 mm (6 5/8") x 170 mm (6 5/8")
- 170 mm (6 5/8") x 370 mm (14 1/2")
- 170 mm (6 5/8") x 670 mm (26 3/8")

BENEFITS

- Easy retrofit, to upgrade existing doors and walls
- Certified to a range of international standards (see Product Performance Chart)

OPTIONAL ENHANCEMENTS

- 316 grade stainless steel construction for hostile environments and durability
- Powered glass for clear or diffused view at the touch of a button
- Maximum measurements for non-standard sizes (clear vision)
- Fire rated options available upon request

Non-standard sizes will have additional cost and lead times applicable



EXTERNAL VIEW



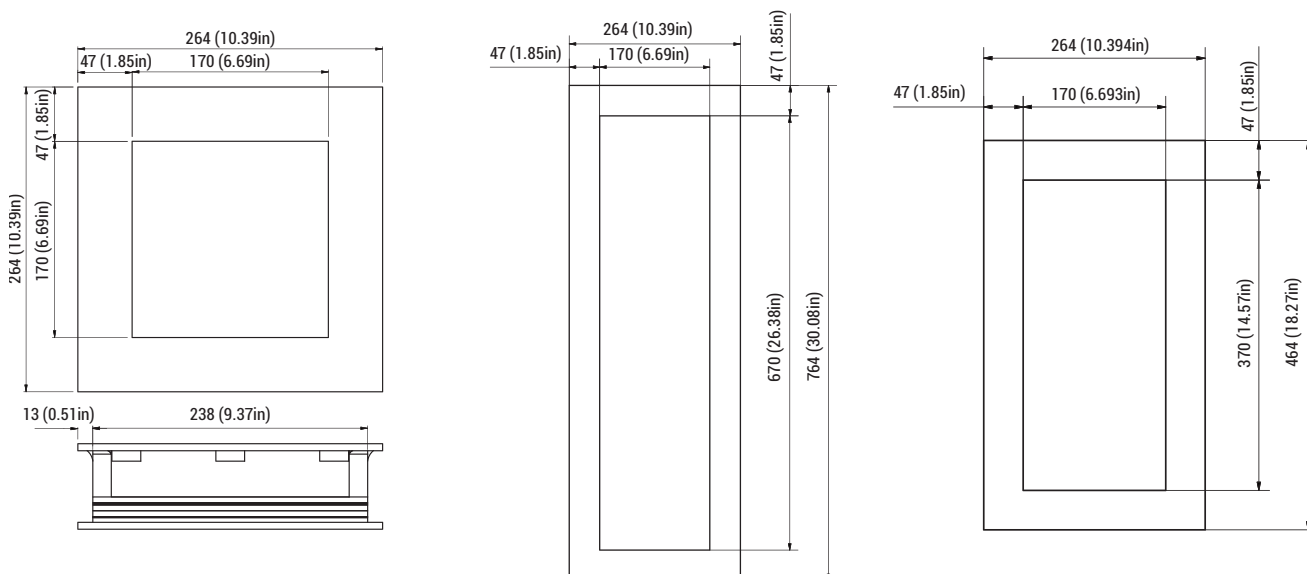
INTERNAL VIEW

PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly. Product certification is subject to the chosen product configuration, for full details please contact the sales office.

SECURITY																	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES			
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202							PAS 24	LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																	
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D												
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB6	ISO 16933 EXV 15	UL 10C	GR5	1 MIL	
15 MIN									240 SEC						RC5	BR5				EN 179	UL752 Level 1-10		EN 1634-1	GR4	
10 MIN	A10	B10	C10	D10	E10				180 SEC					15	RC4	BR4								500K	
5 MIN									120 SEC						RC3	BR3									
3 MIN									60 SEC					5	RC2	BR2									
1 MIN									30 SEC						RC1	BR1		SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	BS 476-22	GR2	200K	
																						GR1			

VISION PANEL LITE TECHNICAL DRAWINGS



SELF CODING SYSTEM

Vision Panel Lites have a structured ordering code that covers the chosen security rating, ballistic protection, fire rating followed by the vision area and door thickness. Enhancements and finishes can be added to further customise the device.

EXAMPLE ORDER CODE:

VP3-4-90BI-0170-0170-57-E-9006

MODEL	SECURITY RATING		BALLISTIC PROTECTION		FIRE EN 1634				CLEAR VISION AREA WIDTH X HEIGHT (MM)		DOOR / WALL THICKNESS (MM)		ENHANCEMENTS		FINISH	
					INTEGRITY		FIRE DIRECTION				EXAMPLE SIZES					
VP	0	None	0	None	NO FR		No fire rating		0170 -0170		00	No packers Required	O	None	S1	316 Stainless steel
	2	B3 (SR2)	2	EN 1522 FB2	30	30 Mins	FA	Unidirectional Fire to attack side only	0170 - 0370		46	46mm (1 7/8")	D	Double glazed unit	9006	Painted (Ral number)
	3	C5 (SR3)	4	EN 1522 FB4	90	90 Mins	FS	Unidirectional Fire to secure side only	0170 - 0670		57	57mm (2 1/4")	E	Electronically obscured	xxxx	Powder coat finish to RAL colour of choice
	4	D10 (SR4)	6	EN 1522 FB6			BI	Bidirectional Fire to either side (90 mins only)								
	5	E10 (SR5)														

Max-Air Louvres provide the necessary ventilation for a wide range of critical infrastructure applications. Designed to meet the combined threats of high level forced entry and blast protection. Ideal for use in high performance structural walls, as well as multi-threat doors. Successfully tested and certified to many international standards.

Louvres are supplied in modular sizes and in pre-assembled packages for fast-easy installation. Suitable for varying wall and door thicknesses and available for specific ventilation requirements.



MAX-AIR LOUVRE

FEATURES

- Multiple threat protection
- 316 grade stainless steel construction for hostile environments and durability
- Fast installation made easy through the simple through-bolt mounting
- Suitable for server rooms, generator housings, air conditioning systems, sub stations, chemical storage, etc
- Standard sizes for fast delivery

BENEFITS

- Sandwich fixing method for ease of installation and retro-fit mounting
- Certified to a range of international standards (see Product Performance Chart)

OPTIONS

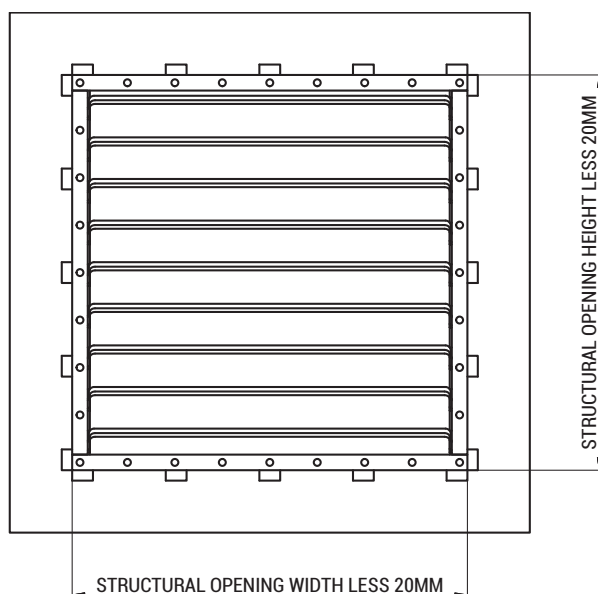
- Button or Countersunk head mounting screws available
- Accelerant protection
- Insect mesh (bug screens)
- Vibration alarm
- Special finishes available

PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

SECURITY															SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES				
LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627							STS 202	PAS 24	LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7																	SR8
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5								
10 MIN	A10	B10	C10	D10	E10				180 SEC					15	RC4	BR4	PAS 24	SRA	EN 179	UL752 Level 1-10	ASTM F2927 Cat 1	EN 1634-1	GR4	500K
5 MIN									120 SEC						RC3	BR3								
3 MIN									60 SEC					5	RC2	BR2	PAS 24	SRA	UL 305	NIJ 0108.01 Level 1-4	BS 476-22		GR2	200K
1 MIN									30 SEC						RC1	BR1								

MAX-AIR LOUVRE TECHNICAL DRAWING



Max- Air Louvre's have a structured ordering code that covers the chosen model,width, height, material and protection, followed by insect mesh and finish codes, additional enhancements can be added to further customise the device.

EXAMPLE ORDER CODE: XA4-400-400-S6-H-I-RAL 9006

MODEL		WIDTH	HEIGHT	MATERIAL		PROTECTION		INSECT MESH		FINISH	
XA0	No Security Rating	400 mm (16")	400 mm (16")	S4	304 stainless steel	H	Hand	I	Insect mesh supplied	NATURAL	Natural
XA1	SR1 Security Rating	500 mm (20")	500 mm (20")	S6	316 stainless steel	B	Body		None provided	PRIMER	Primer
XA2	SR2 Security Rating	700 mm (28")	700 mm (28")	MS	Mild Steel					RAL XXXX	Powder coat finish to RAL colour of choice
XA3	SR3 Security Rating	900 mm (35")	900 mm (35")								
XA4	SR4 Security Rating										
XA5	SR5 Security Rating										
XA6	SR6 Security Rating										

Any size between 125mm X 125mm and 900mm X 900mm available as standard. Please contact us for oversized requirements