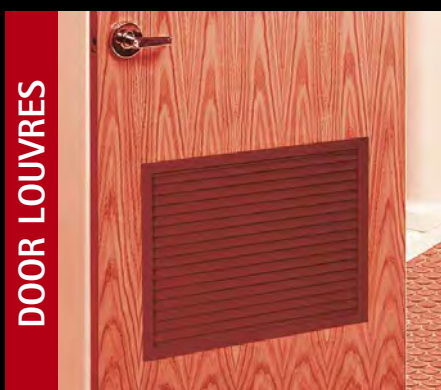


VISION PANELS



DOOR LOUVRES



GLAZING PRODUCTS



Anemostat
Door Products

VISION PANELS

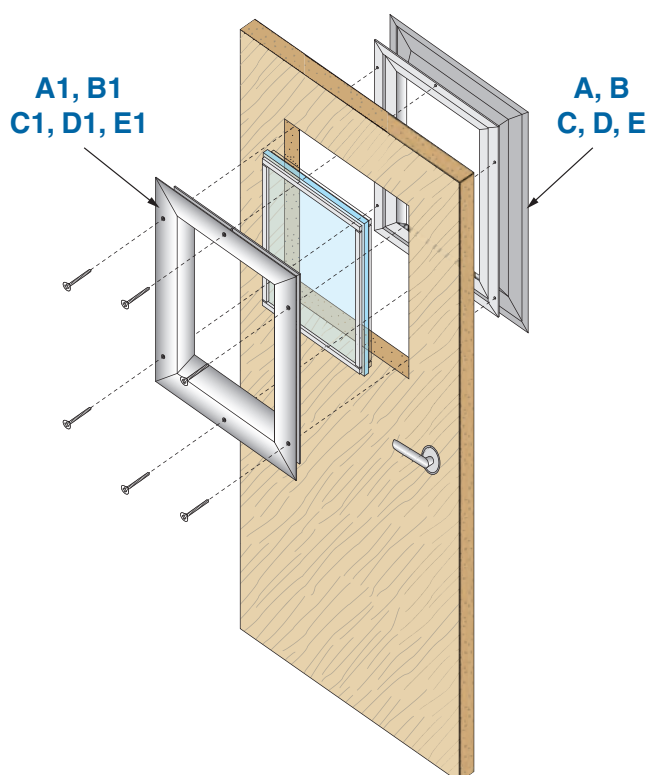
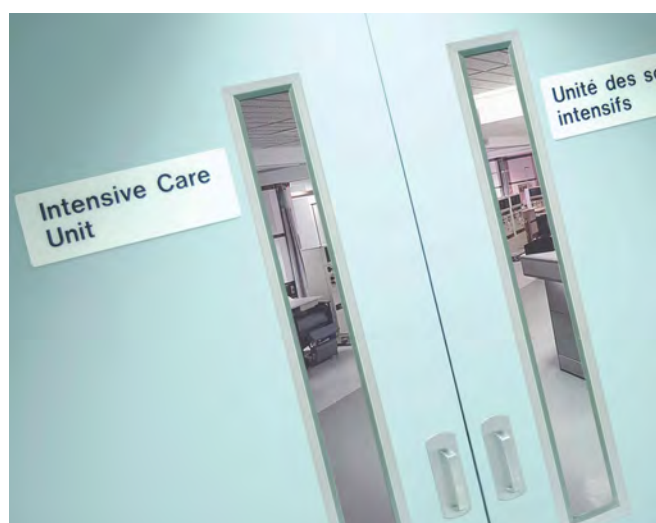
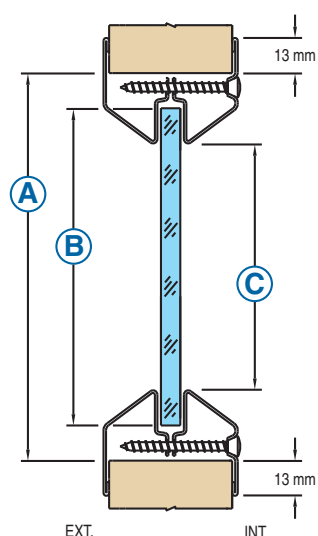
LoPro™ Lo-Profile Metal Vision Panel

- **MATERIAL:** 1 mm thick galvanised steel or #304 stainless steel (optional)
- **FINISH:** Silver Baked Enamel Painted in stock, other colors available
- **INSTALLATION:** Self attaching style. Uses sheet metal screws that pass through the door cutout, and fasten to the opposite side of the vision panel
- **DOOR THICKNESS:** 25 mm - 82 mm Metal or Wood Doors. Must specify Door and Glass thickness when ordering.
- **GLAZING:** 5 mm - 27 mm Fire and/or Safety rated glass. Must specify Door and Glass thickness when ordering.
- **AESTHETICS:** Low profile beveled glass stop provides a tapered look, with tight mitred corners.
- **FIRE TESTED:**
 - **BS-476.22** Steel Door- 120 min. Wood Door- 30/60 min.
 - **EN-1634** 30/60 min. integrity and insulation
 - **U.L. & W.H.I.** 20/45/60/90/180 min.

Ⓐ = Door Cutout

Ⓑ = Glass Size

Ⓒ = Clear Vision



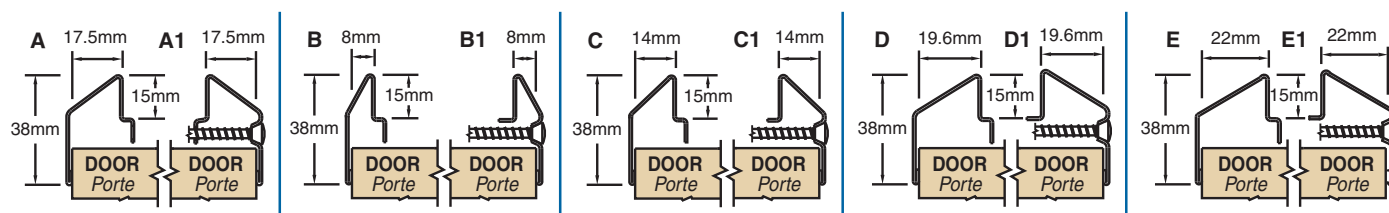


Common Sizes

LoPro	A Door Cutout	B Glass Size	C Clear Vision
	178 mm x 559 mm (7 x 22)	152 mm x 533 mm	127 mm x 508 mm
	203 mm x 762 mm (8 x 30)	178 mm x 737 mm	152 mm x 711 mm
	254 mm x 1219 mm (10 x 48)	229 mm x 1194 mm	203 mm x 1168 mm
	254 mm x 1524 mm (10 x 60)	229 mm x 1499 mm	203 mm x 1473 mm
	305 mm x 305 mm (12 x 12)	279 mm x 279 mm	254 mm x 254 mm
	305 mm x 457 mm (12 x 18)	279 mm x 432 mm	254 mm x 406 mm
	457 mm x 457 mm (18 x 18)	432 mm x 432 mm	406 mm x 406 mm
	457 mm x 610 mm (18 x 24)	432 mm x 584 mm	406 mm x 559 mm
	508 mm x 762 mm (20 x 30)	483 mm x 737 mm	457 mm x 711 mm
	610 mm x 762 mm (24 x 30)	584 mm x 737 mm	559 mm x 711 mm
	305 mm Ø (12")	279 mm Ø	254 mm Ø
	457 mm Ø (18")	432 mm Ø	406 mm Ø

Vision Panels - LoPro Codes and Selection Guide Combinations

Profiles



	40mm	45mm	50mm	55mm	60mm
AA1					
AB1					
AC1					

Screws

38mm (1 1/2") SUPPLIED

44mm (1 3/4") SUPPLIED

51mm (2") SUPPLIED

64mm (2 1/2") SUPPLIED

	40mm	45mm	50mm	55mm	60mm
DA1					
EA1					
BB1					
CB1					



Vision Panels - LoPro Codes and Selection Guide Combinations

	40mm	45mm	50mm	55mm	60mm
DB1					
EB1					
CC1					
DC1					
EC1					
DD1					
ED1					
EE1					

Glazing Tape

GT-18 3 mm		3 mm
Compresses from 6 mm - 3 mm		
GT-14 6.4 mm		6.4 mm
Compresses from 12 mm - 7 mm		

Important: Dimension limitations only apply to Fire Doors

Lo-FP Lo-Profile Round Metal Vision Panel

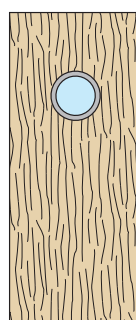
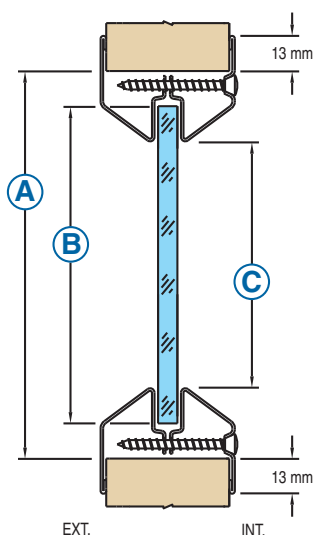
- **MATERIAL:** 1 mm thick galvanised steel or #304 stainless steel (LoFP-12 only)
- **FINISH:** Silver Baked Enamel Painted in stock, other colors available
- **INSTALLATION:** Self attaching style.
- **DOOR THICKNESS:** 25 mm - 70 mm
Must specify Door and Glass thickness when ordering.

- **GLAZING:** 5 mm - 27 mm
Must specify Door and Glass thickness when ordering.
- **FIRE TESTED:**
 - **BS-476.22** Steel Door- 120 min.
Wood Door- 30/60 min.
 - **EN-1634** 30/60 min. integrity and insulation
 - **U.L. & W.H.I.** 20/45/60/90/180 min.

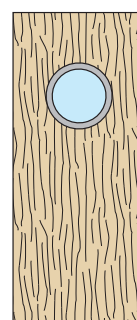


LoFP-AA1 18 (shown)

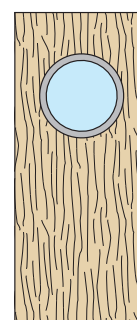
Lo-FP	Model	A Door Cutout	B Glass Size	C Clear Vision
	LoFP-12	305 mm Ø	279 mm Ø	254 mm Ø
	LoFP-18	457 mm Ø	432 mm Ø	406 mm Ø
	LoFP-24	610 mm Ø	585 mm Ø	560 mm Ø



LoFP-12



LoFP-18

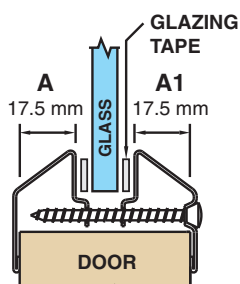


LoFP-24

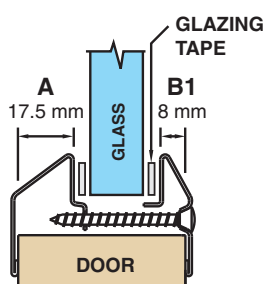
A = Door Cutout

B = Glass Size

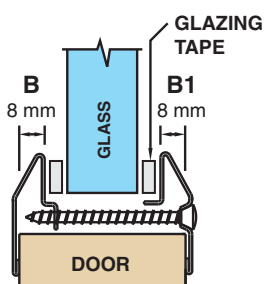
C = Clear Vision



LoFP-12*
LoFP-18
LoFP-24

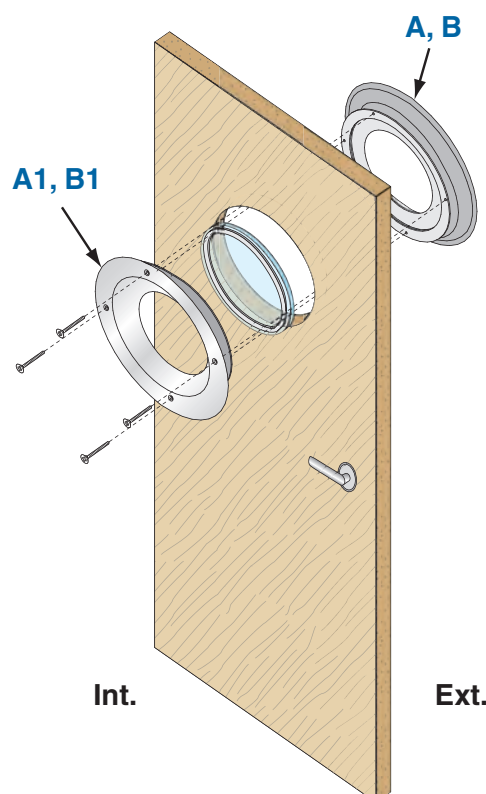


LoFP-12
LoFP-18



LoFP-12
LoFP-18

*Available in
#304 Stainless Steel

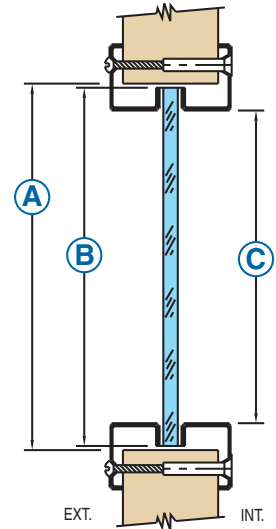
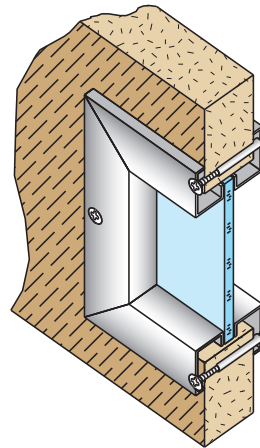




FGS-75

Thru-Bolted Metal Vision Frame

- **MATERIAL:** 1.2mm thick Galvanized Steel
- **FINISH:** Grey Primer, Silver, Beige or Bronze Baked Enamel
- **INSTALLATION:** Thru-Bolt style
- **DOOR THICKNESS:** Wood or Metal Doors 35mm - 70mm
- **GLAZING:** 5mm - 27mm
- **FIRE TESTED:** with U.L. and W.H.I mark
 - ▶ 20* minute: up to 2.068 m² visible lite
 - ▶ 45*/60* minute: up to 1.789 m² visible lite
 - ▶ 90* minute: up to 0.836 m² visible lite
 - ▶ 180* minute: up to 0.064 m² visible lite



(A) = Door Cutout

(B) = Glass Size

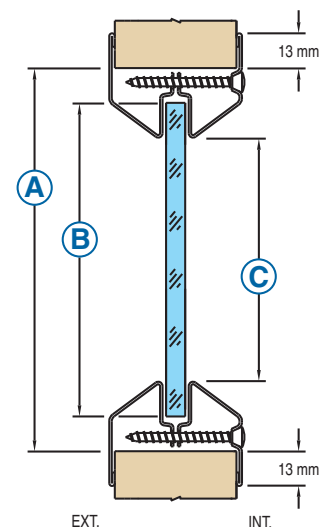
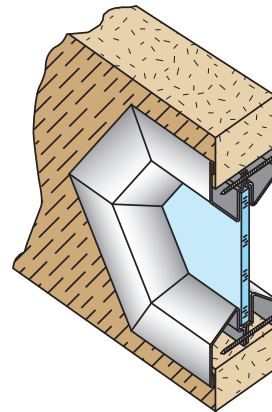
(C) = Clear Vision

(C) = (A) - 25mm

LoPro™-CS

Lo-Profile Custom Shape Metal Vision Frame

- **MATERIAL:** 1mm thick Galvanized Steel
- **FINISH:** Grey Primer, Silver, Beige or Bronze Baked Enamel
- **INSTALLATION:** Self attaching style.
- **DOOR THICKNESS:** Wood or Metal Doors 25mm - 70mm
- **GLAZING:** 5mm - 27mm
- **AESTHETICS:** Low profile and beveled glass stop provide a clean tapered look.
- **FIRE TESTED:** with U.L. and W.H.I mark
 - ▶ 20* minute: up to 2.068 m² visible lite
 - ▶ 45*/60* minute: up to 1.789 m² visible lite
 - ▶ 90* minute: up to 0.836 m² visible lite
 - ▶ 180* minute: up to 0.064 m² visible lite
- ▶ Tested to: BS 476.22 and EN-1634



(A) = Door Cutout

(B) = Glass Size

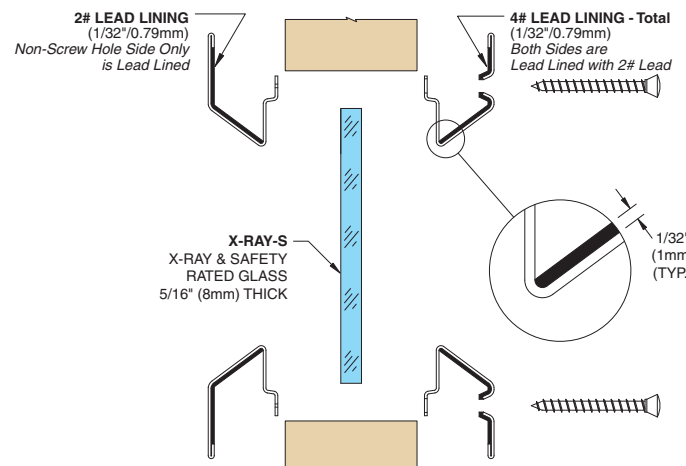
(C) = Clear Vision

(C) = (A) - 50mm

Lead Lined

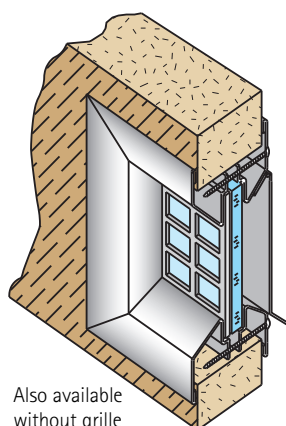
Lead Lined LoPro Metal Vision Frame

- **VISION PANEL MODEL:** LoPro (see page 2)
- **LEAD PER SIDE:** 0.8mm
- **FINISH:** Grey Primer, Silver, Beige or Bronze Baked Enamel
- **INSTALLATION:** Self attaching style.
- **DOOR THICKNESS:** Wood or Metal Doors 25mm - 70mm
- **GLAZING:** X-Ray-S or X-Ray (8mm)
- **NOT FIRE TESTED**

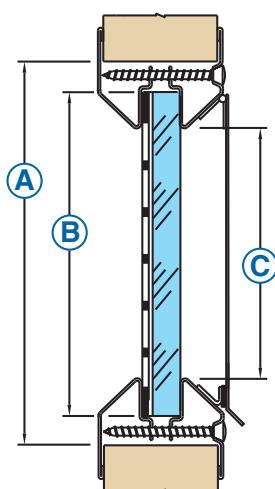


LoPro™-SC-GR

Security Grille Vision Panel



Also available
without grille
LoPro-SC



A = Door Cutout

B = Glass Size

C = Clear Vision

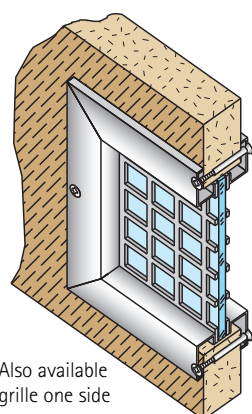
C = **A** - 50mm

- **MATERIAL:** Frame: 1mm Glvanized Steel
Security Grille: Glvanized Steel
- **FINISH:** Grey Primer, Silver, Beige or Bronze Baked Enamel
- **INSTALLATION:** Self Attaching Style
- **DOOR THICKNESS:** Wood or Metal Doors 25mm - 70mm
- **GLAZING:** 5mm - 27mm
- **FIRE TESTED:** with U.L. and W.H.I mark
 - ▶ **20/45/60* minute:** Approved listing at 0.836 m² visible lite
 - ▶ **3 hour:** Approved listing at 0.064 m² visible lite with FireLite NT

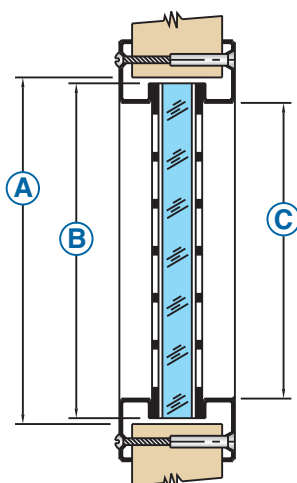
*Must be used with FireLite NT for sizes over 0.064 m² visible lite

SL-IS

Security Grille Vision Panel



Also available
grille one side



A = Door Cutout

B = Glass Size

C = Clear Vision

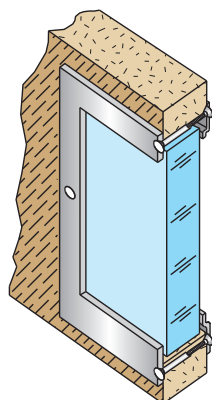
C = **A** - 25mm

- **MATERIAL:** Frame: 1.2mm Galvanized Steel
Security Grille: 2.5mm Galvanized Steel two sides
- **FINISH:** Grey Primer, Silver, Beige or Bronze Baked Enamel
- **INSTALLATION:** Thru-Bolts
- **DOOR THICKNESS:** Wood or Metal Doors 35mm - 70mm
- **GLAZING:** 5mm - 27mm
- **FIRE TESTED:** with U.L. and W.H.I mark
 - ▶ **20/45/60* minute:** Approved listing at 0.836 m² visible lite
 - ▶ **60*/90* minute:** Approved listing at 0.697 m² visible lite

*Must be used with FireLite Plus or NT or Pyrostop for listing on sizes over 0.064 m²

BR-7

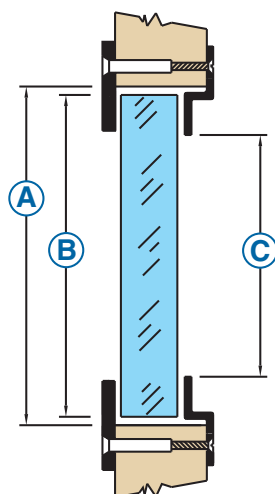
Bullet and Security Vision Panel



A = Door Cutout

B = Glass Size

C = Clear Vision



C = **A** - 64mm

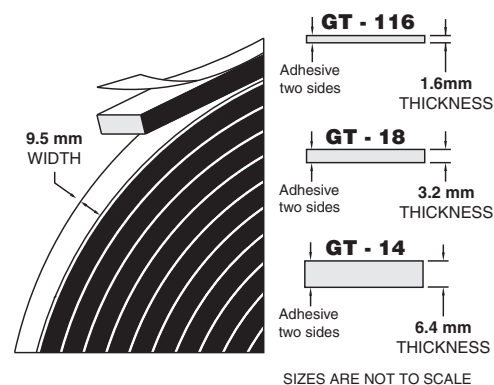
- **MATERIAL:** Face Plate: 4.5mm Galvanized Steel
Back Frame: 2.5mm Galvanized Steel
- **FINISH:** Grey Primer, Silver, Beige or Bronze Baked Enamel
- **INSTALLATION:** Thru-Bolts
- **DOOR THICKNESS:** Wood or Metal Doors 25mm - 70mm
- **GLAZING:** 19mm - 33mm
- **BULLET RESISTANCE:** .44 magnum and 12 gauge shotgun
- **FIRE TESTED:** with U.L. and W.H.I mark
 - ▶ **20/45/60* minute:** Approved listing at 0.836 m² visible lite
 - ▶ **60*/90* minute:** Approved listing at 0.697 m² visible lite

*Must be used with FireLite Plus or NT or Pyrostop for listing on sizes over 0.064 m²

- **IMPACT TESTED:** In compliance with ASTM F-1450-97 (must specify 6mm x 20 thru-bolt)

Glazing Tape

- **THICKNESS:** 3.2 mm and 6.4 mm
 - **MATERIAL:** Closed Cell Polyvinyl Chloride Foam Tape with pressure sensitive adhesive on two sides, protected with a paper or polyethylene liner.
 - **INSTALLATION:** Peel off from roll and place exposed adhesive side directly on to clean surface of vision frame or glass to be glazed.
Do not remove liner until sealant is in proper position.
 - **FIRE TESTED:**
 - ▶ **BS-476.22** Steel - 60 min.
Wood - 30 min.
 - ▶ **EN-1634*** 30/60 min. integrity and insulation
 - ▶ **U.L. & W.H.I.** 20/45/60/90/180 min.
- *Must also use Fireglaze (steel and wood doors) and Fireliner (wood doors only) to achieve results

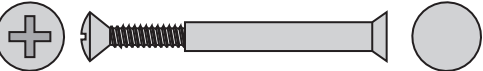


Fasteners for Vision Frames

Standard	Phillips Head Machine Screw			Screw with Thru Bolt			Self Tapping Tek Screw		
									
	#8 x 44mm #8 x 50mm	LoPro™, Lo-FP BFL-123		#8-32 x 32mm 6mm x 20	FGS, FP OPTIONAL - MUST SPECIFY _____ Meets ASTM F-1450-97 (must specify per model)		#8 x 38mm	FM-G	
Optional Security*	One Way Vandal Proof	Snake Eye Spanner	Notched Spanner	Pinned Flat Head	Torx Flat Head	Torx-Plus Flat Head	Robertson Oval Head		
									

*Screwdrivers and insert bits for security fasteners are available. Consult factory for price and availability.

Fasteners for Door Louvers

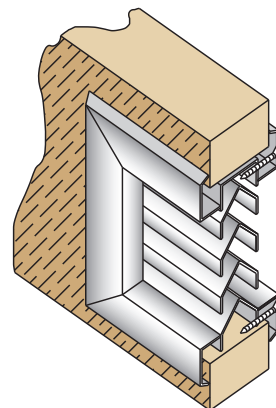
Standard	Phillips Head Machine Screw			Screw with Thru Bolt			Self Tapping Tek Screw		
	 #8 x 19mm FDLS, CHDL, DRDL #8 x 25mm AFDL, FLDL-UL, ADL, SRDL			 #8-32 x 32mm PLSL, FPL-2 —— OPTIONAL - MUST SPECIFY —— 6mm x 20 Meets ASTM F-1450-97 (must specify per model)			 #8 x 13mm Attached Screen		
Optional Security*	One Way Vandal Proof	Snake Eye Spanner	Notched Spanner	Pinned Flat Head	Torx Flat Head	Torx-Plus Flat Head	Robertson Oval Head		
									

*Screwdrivers and insert bits for security fasteners are available. Consult factory for price and availability.

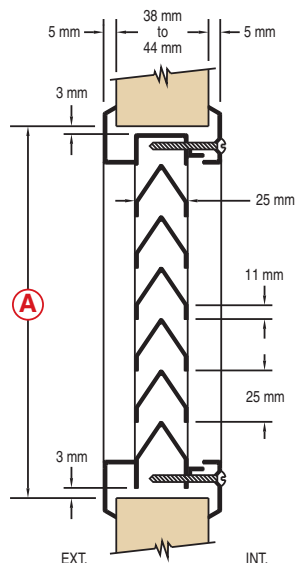
AFDL-N, AFDL-W

AFDL-N (38 mm to 44 mm), AFDL-W (45 mm to 55 mm), Non-Vision Inverted "Y" Louvre

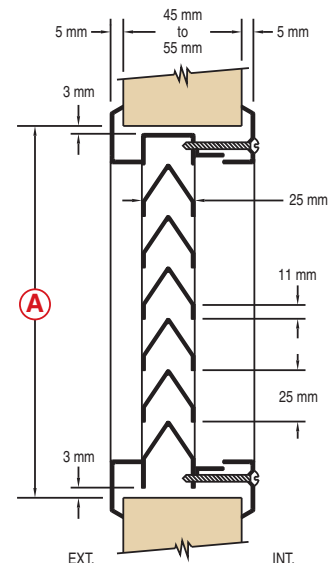
- **MATERIAL:** Frame: 1.2 mm galvanised steel
Blades: .75 mm galvanised steel
- **FINISH:** Silver Baked Enamel Painted, other colors available
- **INSTALLATION:** Our top selling louvre is preferred because of its self attaching style of installation. Screws fasten the auxiliary frame to the louvre core, through the door aperture. This method saves time and installation labor and leaves the corridor side of the frame free of fasteners, for added security and a clean aesthetic appearance.
- **DOOR THICKNESS:** Expandable from 38 mm to 55 mm Metal or Wood Doors
- **AESTHETICS:** Tight mitred corners, no visible welds and countersunk mounting holes.



AFDL-N



AFDL-W

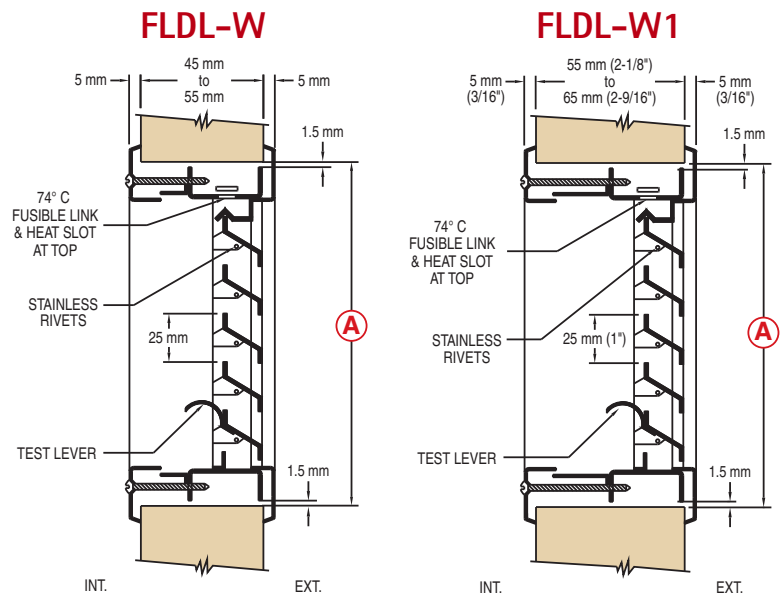


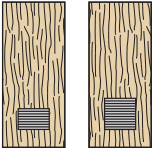
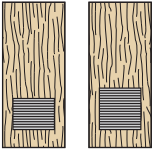
AFDL	A Door Cutout	AFDL-N Order Code	AFDL-W Order Code
 	305 mm x 203 mm (12 x 8)	AFDL-N GLV 128	AFDL-W GLV 128
	305 mm x 305 mm (12 x 12)	AFDL-N GLV 1212	AFDL-W GLV 1212
 	457 mm x 305 mm (18 x 12)	AFDL-N GLV 1812	AFDL-W GLV 1812
	457 mm x 457 mm (18 x 18)	AFDL-N GLV 1818	AFDL-W GLV 1818
 	610 mm x 457 mm (24 x 18)	AFDL-N GLV 2418	AFDL-W GLV 2418
	610 mm x 610 mm (24 x 24)	AFDL-N GLV 2424	AFDL-W GLV 2424

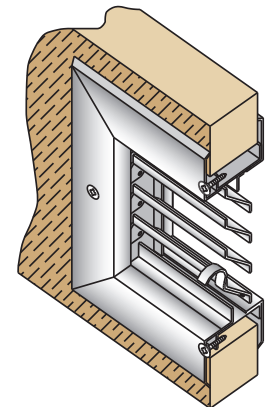
FLDL-W, FLDL-W1

Fire Rated Fusible Link Louvre

- **MATERIAL:** Frame and Blades - 1.2 mm galvanised steel
- **FINISH:** Silver Baked Enamel Painted, other colors available
- **INSTALLATION:** Self attaching method is an easy time and labor saving installation. Screws fasten the auxiliary frame to the louvre core thru the door aperture.
- **DOOR THICKNESS:** Expandable from 45 mm to 55 mm Metal or Wood Doors
- **FIRE TESTED:** BS-476.22 Steel Doors- 120 min. U.L. & W.H.I. 20/45/60/90 min.
- **FUNCTION:** Louvres incorporate a stainless steel spring loaded fusible link located in the top channel of the louvre core. The link activates at 74°C closing the louvre blades to the fire.



FLDL-W	A	Door Cutout	Order Code
		457 mm x 305 mm (18 x 12)	FLDL-W GLV 1812
		457 mm x 457 mm (18 x 18)	FLDL-W GLV 1818
		610 mm x 457 mm (24 x 18)	FLDL-W GLV 2418
		610 mm x 610 mm (24 x 24)	FLDL-W GLV 2424

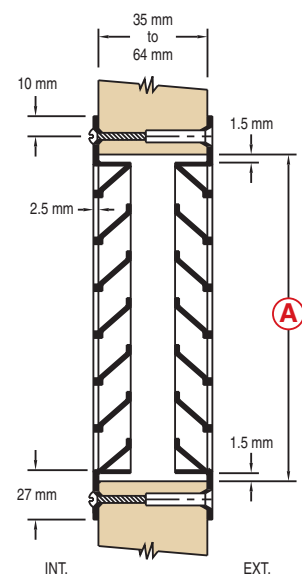
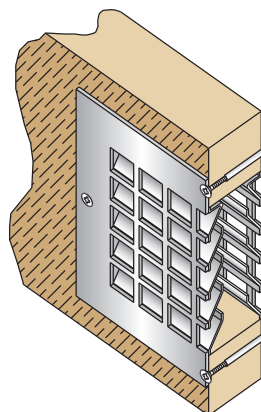


Other Models Available

PLSL

Security Door Louvre

- **MATERIAL:** Frame: 2.5 mm steel
Security Grille: 2.5 mm steel
Louvre Blades: 1.2 mm steel
- **FINISH:** Silver Baked Enamel Painted, other colors available
- **INSTALLATION:** By drilling 6 mm holes through the door. Frame has countersunk mounting holes with phillips head through bolts with a blank head on one side for flush appearance.
- **DOOR THICKNESS:** 35 mm - 64 mm Metal or Wood Doors



Test Standards



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USA



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Door Products

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