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Vertically sliding security window

Vertically sliding, electrically operated window in aluminium – adapted to suit the increased security demands in public spaces while still retaining slim profiles. The standard version is satin anodized and fitted with 6 mm float glass. Alternatively, if a higher security level is required, 8.76mm laminated P2A, or 14mm P6B, vandal and attack resistant glass can be specified, or double glazing for external installations.

Polished glass edges give an elegant and aesthetically pleasing appearance where there are no specific safety or sound reduction requirements. By removing glazing bars and polishing the exposed glass edge, you avoid blocking eye contact between staff and customer when the fixed and moving glass meet right in the sight line. Always choose laminated glass for polished edge glazing.

Model AV70 can be produced with one or two sliding sections to maximize the free opening size. The frame can be finished by powder coating or stainless steel cladding. The sliding window is equipped with an anti-fall device and it is automatically locked in the closed position. Operation is by control switch with hold-to-run buttons.



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EXAMPLES OF VERSIONS



TECHNICAL INFORMATION

NAME	AV70
DESCRIPTION	Vertically sliding, electrically operated window in aluminium for in- and outdoor installations.
WIDTH	Customers choice*.
HEIGHT	Customers choice*.
	*Max / Min size (W x H) depends on specification (2-pane or 3-pane), the glass weight and the ratio between width and height. Guideline for the maximum width is 1400 mm (2-pane, 8 mm glass) and 900 mm (3-pane, 8 mm glass). Beyond that, we recommend model 9018 or Njord.
FRAME THICKNESS	70 mm with one sliding section. 90 mm with two sliding sections (up to 9.5 mm glass)
WIDHT SIDE POSTS	50 mm
HEIGHT TOP PROFILE	50 mm (2-pane) 70 mm (3-pane)
BOTTOM PROFILE	No
GLASS FRAMES	20 mm (up to 9.5 mm glass) 30 mm (up to 20 mm glass)
CONSTRUCTION	Options: No horizontal glazing bars. Motor, transmission, anti-fall device and automatic locking are integrated within the frame.
LOCKING	Automatically locked in the closed position. Options: interval locking, key lock.
POWER SUPPLY	230 V AC transformer. Options: battery backup.
CONTROL SYSTEM	Electromechanical control system with hold-to-run buttons. Options: S3 control system with soft start/stop and options such as adjustable speed, one-touch buttons, alarm closing etc and various control switches.
OPENING SPEED	Approx. 200 mm/sec.
GLASS	6 mm float glass is standard. Other glass up to 20 mm thick is available as an option, such as 8.38 mm laminated glass, 8.76 mm class P2A, 9 mm, sound reduction glass, 14 mm class P6B or 4-12-4 double glazing . Options: polished glass edges.
SURFACE COATING	Satin anodized aluminium is standard. Other available finishes are powder coating, anodizing in various colours and stainless steel cladding.
MANUFACTURED BY	Svalson AB, Sweden

Visit www.svalson.com for more information.
Design and material subject to change without prior notice.



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