



UniSas BA

Physical single-person detection



Manual Attack Resistance



Ballistic Resistance



Access Flow



Emergency exit



Recyclable product



Energy savings



Eco-design

Models: UniSas BA9, UniSas BA12

GUNNEBO[®]
For a safer world

PHYSICAL SINGLE-PERSON DETECTION



The UniSas BA is a single-person airlock which comprises a door together with a security cell, the limited volume of which physically restricts the number of people who can pass through it to one at a time

Used in conjunction with a patented electro-mechanical anti-pass back system, single-person usage is ensured.

This shielded airlock functions as a genuine deterrent to break-ins and hostage-taking. It is particularly well-suited to areas in which cash, items of value or data is stored.

Its small footprint and the speed at which it can be set up make installing it on site very easy – either internally or in a building facade.

Benefits

1. Small footprint.
2. Single-person detection mechanical control.
3. Reduced operating costs.

Design

Construction

- Double-leaf side hung door with Gunnebo patented aluminium section
- Solid or laminated glass security panel
- Steel security cell and ceiling.

Opening system

- Manual opening with mechanical or electric locking.

Locking	Mechanical	Fail-safe	Fail-secure
3-point free exit lock	○	–	–
Electro piston lock	–	○	●
1-point electrically-operated bolt SeRitz 3000	–	○	○
2-point electrically-operated bolt SeRitz 3000	–	–	○

Finish

Powder coated paint.

COLOUR	DOOR	SECURITY CELL/ CEILING
Light Grey RAL 7035	●	–
Dusty Grey RAL 7037	●	–
Aluminium RAL 9006	●	–
White RAL 9010	●	●
Other RAL colours	○	–

Resistance level

Vandalism resistance (EN 356)	P2A/P5A	○
Manual attack resistance (EN 356)	P6B to P8B	○
Manual attack resistance (EN 1627) ¹	RC3 to RC4	○
Ballistic resistance (EN 1063)	BR3-S to BR6-NS	○
Ballistic resistance (EN 1522)	FB2	●
Ballistic resistance (EN 1522)	FB3 to FB6	○

1. Door mounted into either the facade or the brickwork.

Operation

- In standby mode, the door is closed and locked.

Entry

- As soon as an opening request is received, the door unlocks and can be fully opened manually. Fitted with an anti-return mechanism, only one person may pass through it at a time.
- The user enters the security cell and leaves the door to close behind it, clearing the way to the secured zone.

Exit

- The same procedure, but in reverse.

Passing large objects through it

- The main and personnel door can open up to a width of more than 900 mm.

OPENING REQUEST	ENTRY EXIT
"Touch" sensitive call button	●
Card reader (not supplied)	○
Biometric reader	○

● Standard ○ Optional – Not available

Control

Access opening requests can be issued by commands from call buttons and/or access control equipment (card readers, biometrics...).

Security cell – optional equipment

- Anti-pass back feature – prohibits entry into the security cell after an exit as long as the door has not been closed.
- Security cell – for keeping the number of people who can pass through the airlock to a minimum in order to optimise filtering.
- Removable CIT partition – enables cash in transit representatives to transfer cash in AXYTRANS[®] or SQS[®] type cases.

User Safety

The BA12 airlock fitted with a fail-safe SeRitz 3000 lock can meet the recommendations for emergency exit regulations, subject to a declaration from the safety committee.

In the event of emergency,

- if the lock is a fail-safe type, the door can be electrically unlocked and the airlock evacuated by an external command (fire alarm signal) or a break glass unit located in the secure area.
- if the lock is fail-secure, a cylinder (may be a knurled button – optional) is used to mechanically open the door.

In the event of a power failure, the airlock can be operated by an optional battery backup for up to 2 hours (depending on how often it is used).



Optional Equipment

Anti-pass back feature
Security cell
Removable CIT partition
2 hour or 24-hour battery backup
Additional door contact for alarm
Break glass unit
Pre-cabing for access control
Mechanical lock
High-security cylinder
Knurled button cylinder

Technical data

Structural opening	H+10mm, W+10mm
Floor	Finished
Floor level	+/-5mm
External Facade installation	Yes
Airlock delivery	Dismantled
Panel delivery	Dismantled
Maintenance accessibility	500mm clear above
Power supply ¹	110/230Vac, 50/60Hz
Operating voltage	24Vdc
Consumption ²	100W
Ambient temperature	0°C/+40°C
Relative humidity	<90% with no condensation
Cable routing	From top on lock side
Control unit located	On ceiling

1. Power supply provided by the client with protection system in compliance with regulations (10A/30mA).
2. With electro piston lock.

Functional Data and Dimensions

Flow	Disability access	Emergency exit
8 people/minute	No	BA12 ¹

DIMENSIONS (MM)						
	W Overall Width	PW Passage Width	H Overall Height	PH Passage Height	D Depth	Weight (Kg)
UniSas BA9H	1215	900	2130 ²	2037	690	244
UniSas BA12H	1530	1215	2205 ³			293

1. Subject to acceptance by the Safety Committee.
2. Without control unit on the ceiling.
3. With control unit on the ceiling.



