CompacSas BA

Comfort and design for high-security access

Manual Attack Resistance

Ballistic Resistance

x4 Access Flow

Recyclable product

Eco-design

Models: CompacSas BA6Q, CompacSas BA6, CompacSas BA9

CompacSas BA is also known under HiSec name

SIS Smart Intrusion Solutions



The CompacSas BA airlock is a single-unit airlock with curved, motorised sliding doors, allowing ease of passage for users

With its shape and glass surface, the CompacSas BA harmoniously integrates into all types of industrial and service sector environments.

There is a choice of presence-detection, single-person detection, metal and abandoned-object detection equipment in order to determine the required security level.

The CompacSas BA is available in different versions, depending on the level of resistance required: vandalism, manual attack and bullet resistance.

The CompacSas BA optimises installation and commissioning.

Benefits

1. Single-piece airlock with aesthetic curved forms.
2. Automatic sliding doors.
3. Metal detection.

Design

Construction

- Steel structure and ceiling.
- Composite material sliding door.
- Laminated glass security panel.

Opening system

Standard opening by fail-secure motor for the CompacSas BA6 or fail safe motor for the CompacSas BA9.

Finish

Powder coated paint.

COLOUR	STRUCTURE
Black RAL 9005	●
Grey RAL 7001	●
Blue RAL 5010	●
Brown RAL 8019	●
Red RAL 3003	○
Other RAL colours	○
Granite finish	●
Smooth finish	○
Metallic finish	○
Stainless steel granite finish	○
Brushed stainless steel finish	○

Resistance level

Vandalism resistance (EN 356)	P2A	●
Manual attack resistance (EN 356) Ballistic resistance (EN 1063)	BR3-S – P7B	○
Ballistic resistance (EN 1063)	BR4-NS	○

● Standard ○ Optional – Not available

Operation

- In standby mode, both doors are closed and locked. During usage, a door can only open if the other door is closed and locked.

Entry

- Once an opening request has been received, the outer door opens.
- The weighing detection system checks to see if anyone is present inside the airlock and that only one person is currently using it.
- Once these checks have been carried out, the outer door closes and the inner door opens.
- The user exits the airlock. The door closes and locks once the user has exited.

Exit

- Identical procedure to entry.

Control and Detection

- Opening requests can be issued by commands from call buttons, detection equipment (radar) and/or access control equipment (card readers, biometrics...).
- Use of the airlock is rendered secure by presence detection equipment which is used in conjunction with single-person detection equipment.
- A metal detection system which is integrated into the outer door and used in conjunction with an abandoned object detection system maximises the quality of filtering for people entering into the airlock.

OPENING REQUEST	
Push button	●
Weighing within the cabin	●
Card reader (not supplied)	○
Radar	○

DETECTION SYSTEM				
	Presence	Single person detection	Aban-doned objects	Metal
Weighing	●	●	●	–
2-zone contact mat	○	○	–	–
Metal Detection	–	–	–	○

Detection by weighing

- If weighing control is carried out by the airlock, access is refused if a threshold of between 120 kg (standard) and 255 kg (maximum) is exceeded.
- If weighing control is carried out by an access control system, the airlock can send it the weight it has measured: either using 4 relays which generate 16 weight ranges increasing in increments of 5 kg or via an RS232 serial connection in ASCII format[1].

1. The access control system compares the value of the weight measured by the airlock with a reference weight in its database for the user's card.

User Safety

- For emergency situations, the site should have a separate fire exit door/route.
- In the event of a power failure, the airlock can be operated by a battery backup for up to 2 hours (depending on usage).
- People using automatic doors are protected by inflated safety edges and by the force of the motor being checked.

Optional Equipment

Metal detection
Radar
Intercom
Voice synthesizer
Box service program with hardware key and cable
Mechanical lock
Inner airlock mounting post
Inner break glass unit
2-zone contact mat
Safety buffer for compliance with the EN 12650
Solid fixed side panels
Glass fitted with black/obscure film

Technical data

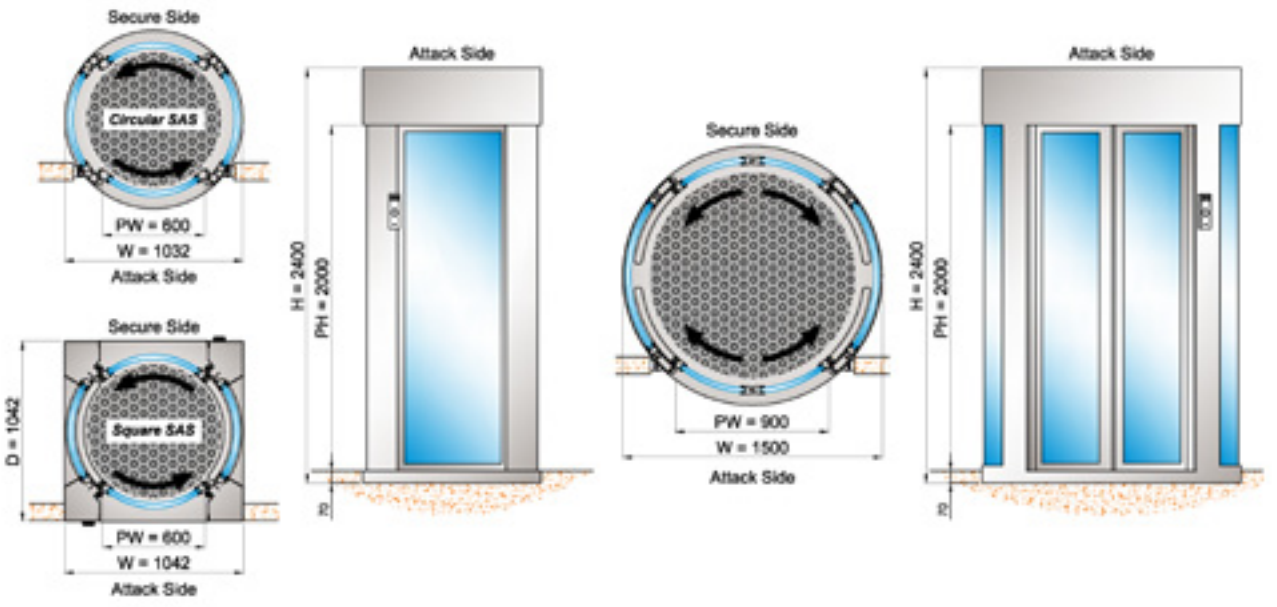
Structural opening	H+10mm, W+10mm
Floor	Floor to be recessed 70mm
Floor level	+/–5mm
External Facade installation	No[1]
Airlock delivery	Assembled[2]
Panel delivery	Assembled
Maintenance accessibility	500mm clear above
Power supply[3]	230Vac, 50Hz
Operating voltage	24Vdc
Consumption	250W
Ambient temperature	–15°C/+40°C
Relative humidity	<90% with no condensation
Cable routing	From top or the floor
Control unit + motor located	Into the ceiling

1. Semi-exterior installation under specific conditions may be possible. Consult Gunnebo.
2. Optional delivery dismantled for circular versions only.
3. Power supply provided by the client with protection system in compliance with regulations (10A/30mA).

Functional Data and Dimensions

Flow	Disability access	Emergency exit
4 people/minute	No	No

DIMENSIONS (MM)						
	W Overall Width	PW Passage Width	H Overall Height	PH Passage Height	D Depth	Weight (Kg)
CompacSas BA6Q	1032	600	2400	2200	1032	710
CompacSas BA6	1042	600	2400	2200	1042	850
CompacSas BA9	1500	900	2400	2200	1500	1115



GUGB.9053.R1

Smart Intrusion Solutions

www.smartintrusions.com

GUNNEBO®
For a safer world