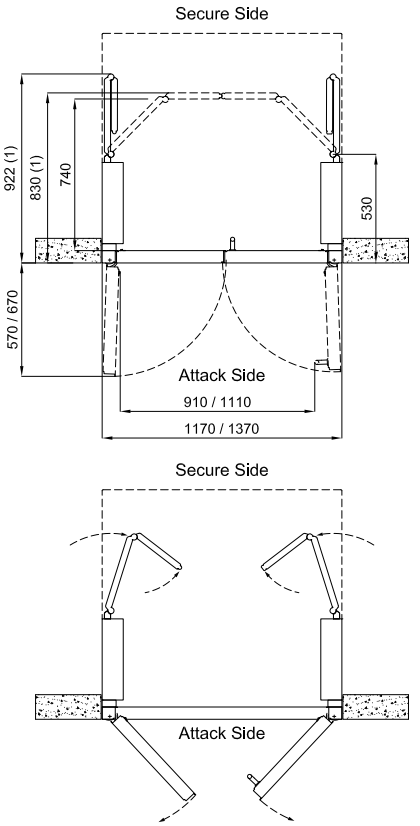
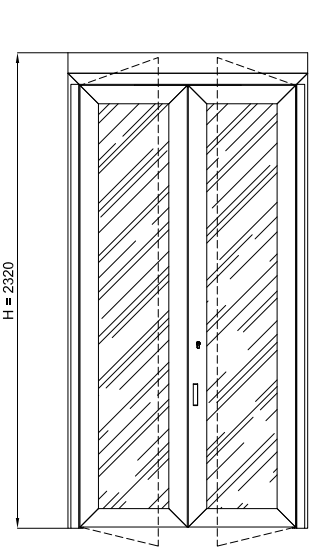
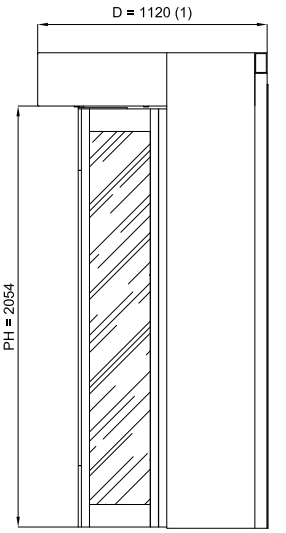
Functional Data and Dimensions

Flow	Disability access	Emergency exit
8 people/minute	No	Yes

DIMENSIONS (MM)						
	W Overall Width	PW Doorway Width	H Overall Height	PH Doorway Height	D Depth	Weight (Kg)
CompacSas EV9	1170	910	2320	2054	1120	375
CompacSas EV11	1370	1110			1125 (fire resistant)	400







(1) + 5mm with Fire resistant outer door

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GUGB.9052.R1

GUNNEBO®
For a safer world

CompacSas EV

Optimum security with maximum flow

Manual Attack Resistance

Ballistic Resistance

Fire Resistance

Access Flow

Recyclable Product

Eco-design

Emergency Exit

Models: CompacSas EV9, CompacSas EV11

GUNNEBO®
For a safer world



In a single product, the CompacSas EV airlock provides high-performance filtering and genuine ease-of-use

Both of the CompacSas EV's doors can operate simultaneously, thanks to a patented system, which guarantees an unrivalled flow-through rate but prevents unwanted people from "piggybacking" or "tailgating" behind other, authorized people.

With its reduced footprint and its folding door system, it's the ideal solution for installations in corridors or in areas with limited space.

The system also includes access control features – non-authorised people or opportunists (people attempting to fail gate behind authorised person) are prevented from entering the controlled area by a dual detection system that combines infrared beam array and an infrared radar.

Its automatic double side hung outer doors offer site security against manual attacks or fire, as well as ensuring emergency exit (in accordance with the EN 179 norm).

Benefits

1. Smooth flow of up to 8 people per minute.
2. Small footprint.
3. Emergency exit.

Design

Construction

- Aluminium or steel double-leaf outer side hung door (option to use an existing door).
- Aluminium double-leaf folding inner door.
- Laminated glass security panel.
- Steel wall and ceiling.

Opening system

- Automatic opening with locking by fail-secure electric strike plate (outer door) and by fail-safe security magnetic lock (inner door).

Finish

Powder coated paint.

COLOUR	DOOR
Light Grey RAL 7035	●
Dusty Grey RAL 7037	●
Aluminium RAL 9006	●
White RAL 9010	●
Other RAL colours for doors	○
RAL 7035 with granite finish (Wall & Ceiling)[1]	●

1. Wall and ceiling always remain with RAL 7035.

Resistance level

	Level	Outer door	Inner door
Vandalism resistance (EN 356)	P2A	●	●
Manual attack resistance (EN 356)	P6B	○	–
Manual attack resistance (EN 1627)[1]	RC 2	○	–
Ballistic resistance (EN 1063)	BR4-S	○	–
Fire resistance (EN 1634)	EI2 30	○	–

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

● Standard ○ Optional – Not available

Operation

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

Entry

- Once an opening request has been received, the inner door closes. The outer door opens if the opposite door is closed and locked.
- The detection system checks that only one person is entering the airlock (detection by infrared beam array and an IR radar).
- Once this check has been carried out, the outer door closes. Before reaching its closed position, the outer door slows down (compliancy with automatic doors regulations) and the inner door opens.
- Then the user exits the airlock.
- The opening of the inner door can be optionally conditional on authorisation being granted by a biometric reader within the airlock.

Exit

- The user enters the airlock. Once the detection system has checked he is alone, the inner door closes and locks. The outer door opens and the user can exit the airlock.

Optional

- In standby mode, both doors can be closed and locked.

Control and Detection

Control

- Opening requests can be issued by commands from call buttons, presence detection equipment and/or access control equipment (card readers, biometrics...).

OPENING REQUEST	
Touch-sensitive call button	○
Presence detection for exiting	●
Card reader (not supplied) for entering	●
Biometric reader inside airlock	○

Half airlock

- Option for a half airlock connected to an existing single-leaf outer side hung door. This should have specifications that are compatible with the environment into which it is being incorporated.
- It needs to have the equipment (existing or to be supplied) needed for servocontrol:
  – electric lock
  – call button or card reader
  – door contacts
  – emergency unlocking command
  – door-closer

Opening Direction	Overall height (mm)	Overall width (mm)
Airlock exterior	See overall dimensions	

User Safety

For emergency situations, various commands can be used to unlock both doors and evacuate the airlock:

- The outer door can be released from inside the airlock simply by manually operating the lever handle (in accordance with the EN 179 standard). The door then relocks automatically after opening.
- The inner door can be unlocked either by an external command (fire alarm signal), or by a break glass unit located in a secure zone.

In the event of a power failure, the airlock switches to safe mode (outer door closed and inner door open):

- People are protected by the force exerted by the mechanism being limited.

Optional Equipment

Control console
Pre-cabling for access control
Break glass unit[1] – for unlocking the inner door
Additional door contact for alarm
Mechanical lock
High-security cylinder
LED lighting
Safety radar on the outer door for use on public area

1. A break glass unit approved by TÜV is also available.

Technical data

Structural opening	H+10mm, W+10mm
Floor	Finished
Floor level	+/–3mm
External Facade installation[1]	Yes
Airlock delivery	Dismantled
Maintenance accessibility	250mm clear above
Power supply[2]	230Vac, 50/60Hz
Operating voltage	230 Vac/24Vdc
Consumption	500W
Ambient temperature	0°C/+40°C
Relative humidity	<90% with no condensation
Cable routing	From top on the side or the floor
Control unit located	In the side walls

1. Outer door must be protected from direct rain.
2. Power supply provided by the client with protection system in compliance with regulations (10A/30mA).