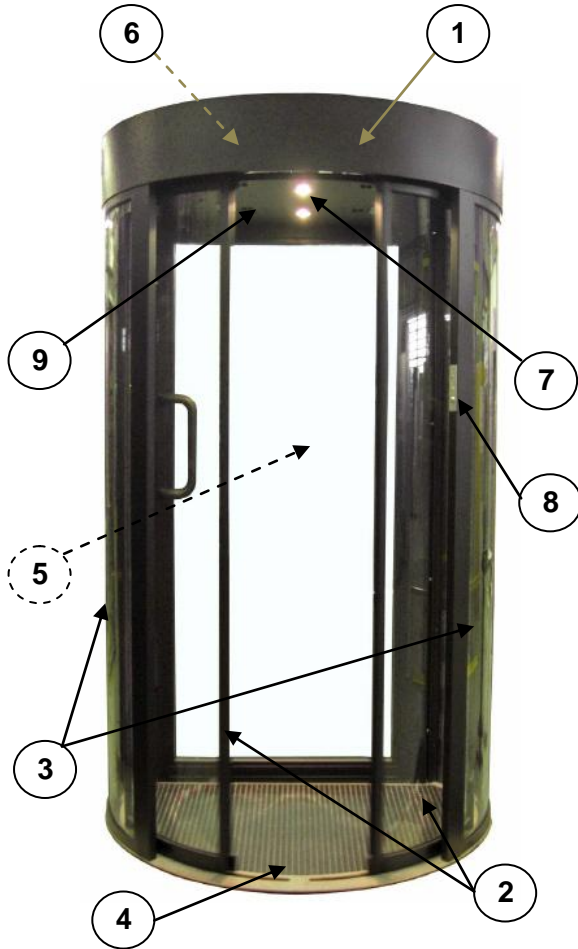


DESCRIPTION



- 1 Painted steel **upper casing** containing the drive mechanism and the control board unit of the security booth.
- 2 **Mobile obstacles** in laminated clear glass P3A 11/12 mm thick.
- 3 Lateral **panels** in painted steel and laminated clear glass BR1/S-P4B 18/19 mm thick
- 4 High rigidity **base**, 12 mm thick, ensuring the frame is fastened to the ground.
- 5 **Manual swinging door** (optional) in painted steel and laminated clear glass 18/19 mm BR1/S-P4B with electromagnetic bolt and safety lock.
- 6 **Control board unit & motorisation** comprising:
 - Programmable electronic board
 - Remote console for operating mode adjustment
 - Connection terminals including RS485 interface port
 - Input/Output interface board
 - 24V DC power supply
 - Back-up batteries (2) ensuring 100 cycles in case of power failure
 - A 24V CC motor controlled by the programmable electronic board, ensuring fast movements with progressive deceleration at the end of the cycle
 - Electro-mechanical lock of the obstacles at the end of the cycle (with unlocking of the entry in case of power failure)
 - Safety cells for reopening in case a presence is detected in front of the obstacles (anti-pinch safety)
- 7 **LED lights** for passageway lighting.
- 8 **Function pictograms**: red and green LED displays indicating the status of the security booth.
- 9 **Presence sensor**.

The **ClearLock** series booths are designed to provide high-security access control and management of pedestrian flows.

Based on more than 20 years' experience, their design and robust manufacture allow easy integration into prestigious sites such as office buildings, airports, laboratories and sensitive sites.

Consisting of a frame, a painted steel housing and glass panels, the high-security **ClearLock** series booths provide thermal insulation and stand out in their surroundings.

The high-security **ClearLock** series booths are motorized and bi-directional.

The high-security **ClearLock 654** booth is equipped with two mobile obstacles which provide a free passage area of **890 mm** and an external diameter of **1,380 mm**. Connected to an existing manual door; it offers a solution for private access (existing facades, low congestion).

SURFACE TREATMENT

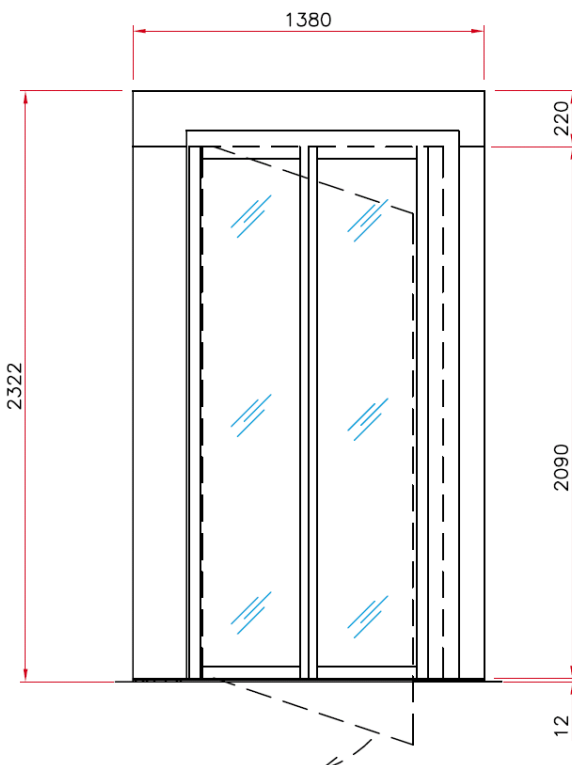
All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.
Standard RAL paint coating choice:

RAL3020 Red - RAL7001 Grey - RAL9005 Black
RAL5010 Blue - RAL6024 Green - RAL9010 White

STANDARD TECHNICAL CHARACTERISTICS

Power supply	230V single phase, 50/60 Hz, 10A + ground
Geared motor	50 W - 24 V CC
Torque limiter	electronic
Speed setting	programmable
Opening time (excluding the activation time of the access control device)	1.5 seconds
Power consumption	85 W
Weight	600 to 700 kg, depending on glass
Operating t°	-10° to + 45° C
Max relative humidity	90%, without condensation
Protection index	IP33 (with optional roof)
Shock resistance	IK09 (housing)
MCBF	2 Mo mean cycles between failures, when respecting recommended maintenance.
CE	Conforms to European norms

STANDARD DIMENSIONS (mm)



OPTIONS

1. Single presence detector
2. Double contact mat
3. Entry opening sensor
4. Kit for TCP/IP communication with the remote console
5. Interface kit with the existing door
6. Voice messages board
7. Heater for operation down to -20°C
8. Pushbutton for opening command
9. Key lock for the entry obstacle (outside the site)
10. Manual unlocking of the exit obstacle (inside the site)
11. Housing other RAL paint or smooth finish paint
12. Housing 304L stainless steel (brushed or mirror polished)
13. Emergency opening command (inside booth)
14. IP33 roof for protection
15. Intercom inside or outside the booth
16. Free height passage 2,300 mm
17. Manual swinging door operated by control unit
18. Adaptation for UL power supply 230/110 V AC
19. 13/14 mm P3A glasses for obstacles
20. 18/19 mm BR1/S-P4B glass for obstacles
21. 20/21 mm BR2/S P6B glass for obstacles
22. 20/21 mm BR2/S-P6B fixed glass walls
23. Milky glass finish

WORK TO BE CARRIED OUT (NOT SUPPLIED)

(refer to the installation drawing)

- Fixing to the floor
- Power supply
- Connection wires between booth and access control device.

