DESCRIPTION

1   Painted steel **upper casing** containing the drive mechanism and the control board unit of the security booth.

2   **Double mobile obstacles** in laminated clear glass 8/9 mm thick. Each leaf is equipped with protection ensuring user safety.

3   Lateral **panels** in painted steel and laminated clear glass BR2/S-P6B 20/21 mm thick.

4   High rigidity resin **base**, 20 mm thick, ensuring the frame is fastened to the ground.

5   **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
- Two 24V CC motors 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)

6   **LED lights** for passageway lighting.

7   **Function pictograms:** red and green LED displays indicating the status of the security booth.
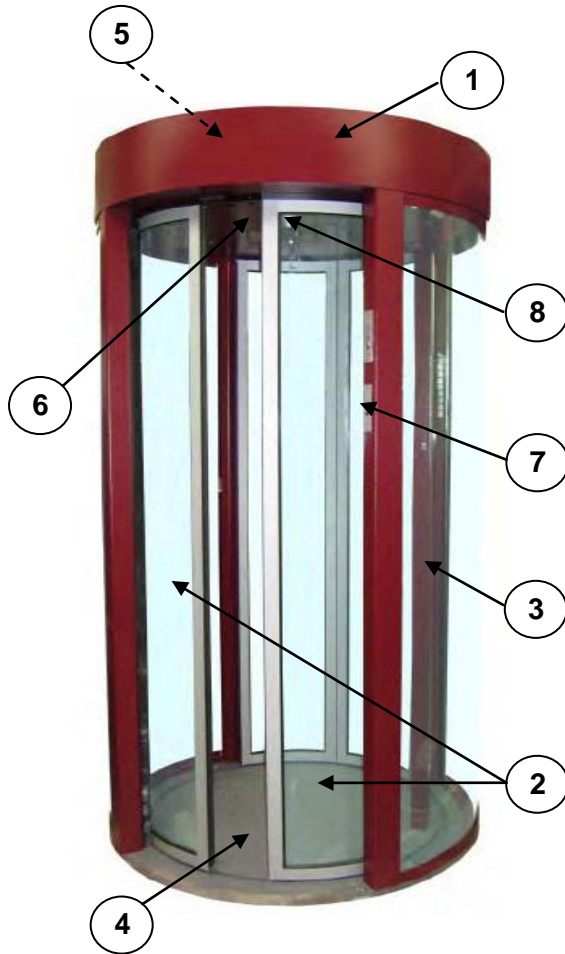
8   **Presence sensor**.

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 650** booth is equipped with two double mobile obstacles which provide a free passage area of **580 mm** and an external diameter of **1,050 mm** and offers better throughput.

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
Passages (excluding activation time of the access control device)	6 to 7 users/min/1 way 9 to 10 users/min/2 ways
Power consumption	75 W
Weight	450 to 550 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
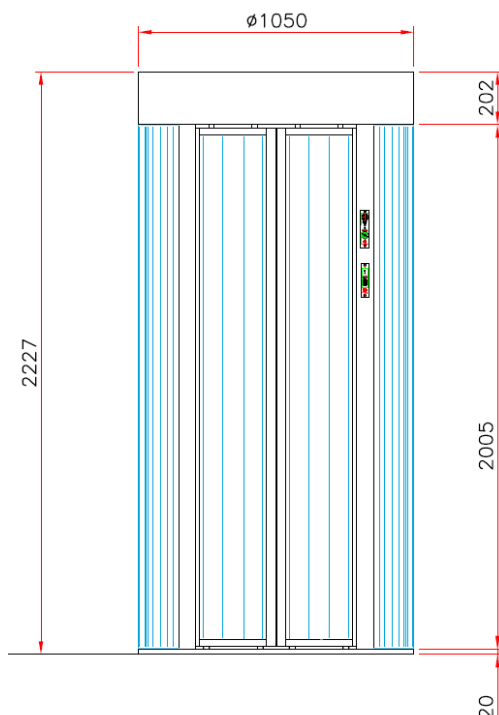
OPTIONS

1. Single presence detector
2. Entry and/or exit opening sensor
3. Double contact mat
4. Stainless steel base, 12mm thick
5. Kit for TCP/IP communication with the remote console
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. Waterproof IP33 roof (half or complete)
15. Intercom inside or outside the booth
16. Free height passage 2300 mm
17. Adaptation for UL power supply 230/110 V AC
18. 12/13 mm BR1/S P2A glass for obstacles
19. Milky glass finish
20. Electronics in separate cabinet
21. Booth delivered disassembled

STANDARD DIMENSIONS (mm)

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