

DESCRIPTION



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 site 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 652** booth is equipped with two double mobile obstacles which provide a free passage area of **900 mm** and an external diameter of **1,450 mm** and offers private access solutions (variable length, third door).

- 1 Painted steel **upper casing** containing the drive mechanisms and the control board unit of the security booth.
- 2 **Double mobile obstacles** in laminated clear glass P3A 11/12 mm thick.
- 3 Lateral **panels** made of painted steel and laminated clear glass BR2/S-P6B 20/21 mm thick
- 4 **Lateral door** (optional) in painted steel and laminated clear glass 20/21 mm BR2/S-P6B with electromagnetic bolt and safety lock.
- 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**.
- 9 **Entry detector** (optional).

SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.

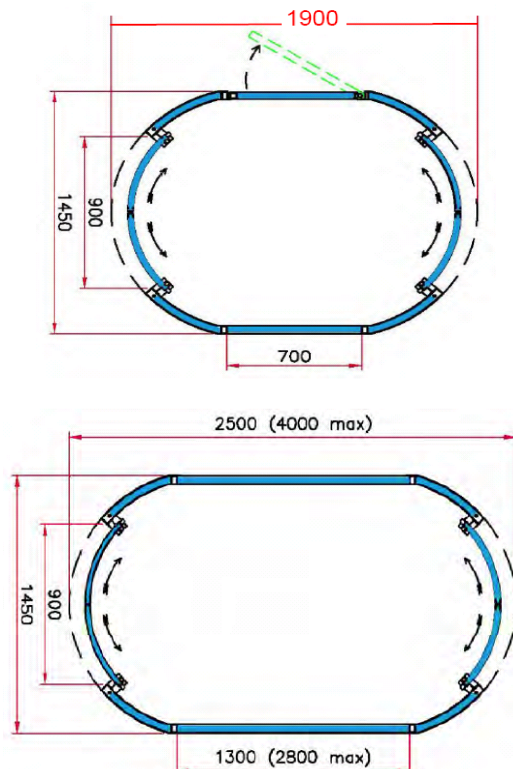
Standard RAL paint coating choice:

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) | 5 to 6 users/min/1 way 8 to 9 users/min/2 ways |
| Power consumption | 100 W |
| Weight | 850 to 950 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. Entry and/or exit opening sensor
3. Passenger counting system
4. Kit for TCP/IP communication with the remote console
5. Voice messages board
6. Heater for operation down to -20°C
7. Pushbutton for opening command
8. Key lock for the entry obstacle (outside the site)
9. Manual unlocking of the exit obstacle (inside the site)
10. Housing other RAL paint or smooth finish paint
11. Housing 304L stainless steel (brushed or mirror polished)
12. Emergency opening command (inside booth)
13. Waterproof IP33 roof (half or complete)
14. Intercom inside or outside the booth
15. Free height passage 2,300 mm
16. Length of the cabin 2,500 to 4,000 mm (without single presence detector)
17. Third manual door operated by control board
18. Adaptation for UL power supply 230/110 V AC
19. 12/13 mm BR1/S P2A glass for obstacles
20. 20/21 mm BR2/S P6B glass for obstacles
21. Milky glass finish
22. Electronics in separate cabinet

WORKS 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.

