

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 P3A 11/12 mm thick.
- 4 **Opening sensor** (optional)
- 5 **Double leaf automatic door** (optional) in painted steel and 11/12 mm P3A laminated clear glass with order interface with the booth.
- 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 655** booth is equipped with two mobile obstacles which provide a free passage area of **1,050 mm** and a height of **2,400 mm**. Connected to an automatic sliding door; it offers a solution for private access (existing facades, special passage height).

SURFACE TREATMENT

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

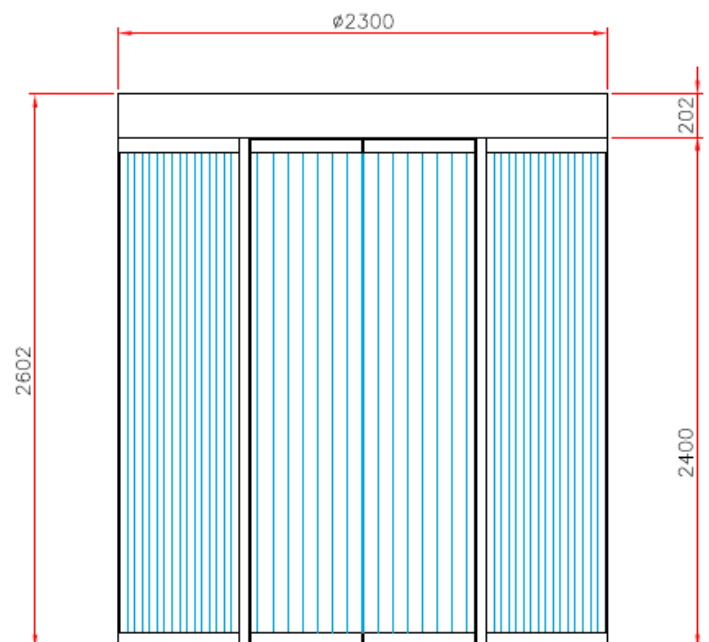
Standard RAL paint coating choice:

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)	2.00 seconds
Power consumption	130 W
Weight	760 to 800 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. Entry opening sensor
2. Kit for TCP/IP communication with the remote console
3. Interface kit with the existing door
4. Voice messages board
5. Heater for operation down to -20°C
6. Pushbutton for opening command
7. Manual unlocking of the exit obstacle (inside the site)
8. Housing other RAL paint or smooth finish paint
9. Housing 304L stainless steel (brushed or mirror polished)
10. Emergency opening command (inside booth)
11. IP33 roof for protection
12. Intercom inside or outside the booth
13. Free height passage 2,300 mm
14. Automatic sliding door operated by control board unit
15. Adaptation for UL power supply 230/110 V AC
16. 18/19 mm BR1/S-P4B glass for obstacles
17. 18/19 mm BR1/S-P4B wall for obstacles
18. 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.

