ClearLock 635
Datasheet

Rev. 08 • Update 02/2022

AUTOMATIC SYSTEMS

↺ *ClearLock*™

DESCRIPTION

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

2. **Two mobile obstacles** in laminated glass BR2S P6B. Each door panel is equipped with a protection ensuring the safety of users.

3. **Two lateral panels** made of painted steel and laminated clear glass BR2S P6B.

4. **Metal floor** of 25 mm thick for installation on a finished floor.

5. Control board unit & motorisation comprising:
   • Programmable electronic board;
   • I/O interface board for access control system;
   • Remote console for operating mode adjustment;
   • Voice messages device;
   • Two back-up batteries ensuring 100 cycles in case of power failure;
   • Electro-mechanical lock of the obstacles (with programmable unlocking in case of power failure);
   • Safety cells for reopening in case a presence is detected in front of the obstacles (anti-pinch safety).

6. **Spotlights** for the passageway lighting.

7. **Function pictograms:** red and green LED displays indicating the status of the security booth. And also push button, intercom and/or access badge reader, according to the need.

8. **Presence sensors and single person detection device (weighing system).**

9. **Emergency opening button** and **call bell.**

10. **Lock** for external door locking.

The **ClearLock 63x** series, automatic round security booths are designed to provide high security access control.

The **ClearLock 635** security booths, the smallest products of the ClearLock 63x series, are equipped with **two mobile obstacles** which provide a free passage of **580 mm** and an external diameter of **1.052 mm**.

The **ClearLock 635** are motorised and bi-directional. It is answering to the market demand in term of unicity of detection, bullet resistance and burglary or vandalism resistance.

The **Clearlock 635** are available with straight (180°) or left/right angled (90°) passage.

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.

CONFIGURATIONS

1. RAL7035 Light Grey (by default) - RAL9011 Black - RAL9010 White - RAL8019 dark brown.
2. Profile position for wall connection:
   - entry / outside side.
   - middle position (by default).
   - exit / inside.
3. In the event of a power failure:
   - All doors can be opened manually
   - Exit door (secured side) remains locked
     Entry door (non-secured side) can be open manually
   - all doors remain locked
4. Integration of card reader, intercom and/or push button at the entry and/or exit of the booth.
5. Choice of the language of voice message and control consol.

SURFACE TREATMENT

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

STANDARD TECHNICALS CHARACTERISTICS

Power supply	230 V single phase, 50/60 Hz, 10 A + ground
Consumption	200 W
Ambient operating temperature	Operating -10° to +55°C
Battery backup	2 batteries 2 Ah to allow operation in case of power failure.
Motors	2 motors 24Vdc for reversible movement of the doors, with closing safety lock. Opening of both the doors in case of emergency.
Passages	- 6 passages per minute in one direction - 8/9 passages per minute in both directions (such data do not consider the possible working times due to utilization of card/badge readers)
Dimensions	Overall dimensions (mm): Height: 2350 Diameter: 1052 Passage dimensions (mm): Height: 2074 Width: 580
Weight	600 kg depending on glass
Relative ambient humidity	85%, without condensation
MCBF (Mean cycles between failures)	**1,000,000** cycles, in compliance with recommended maintenance
MTTR (Mean time to repair)	2 hours
CE	Complies with European standards

WORKS TO BE PROVIDED BY THE CUSTOMER

- Fixing on the floor.
- Power supply.
- Connection between booth and access control devise.

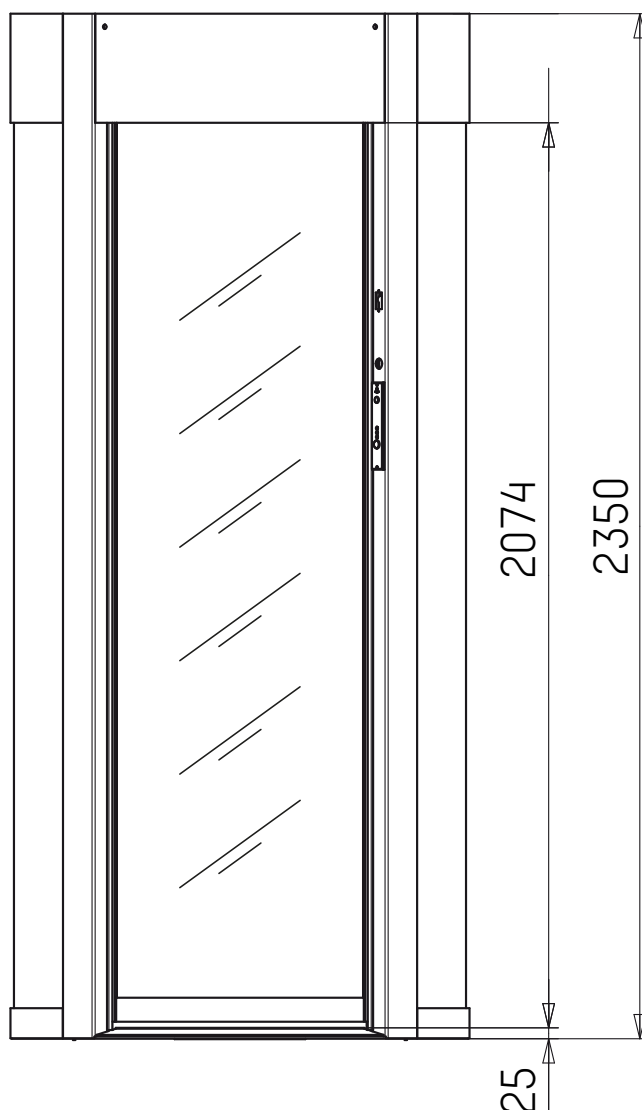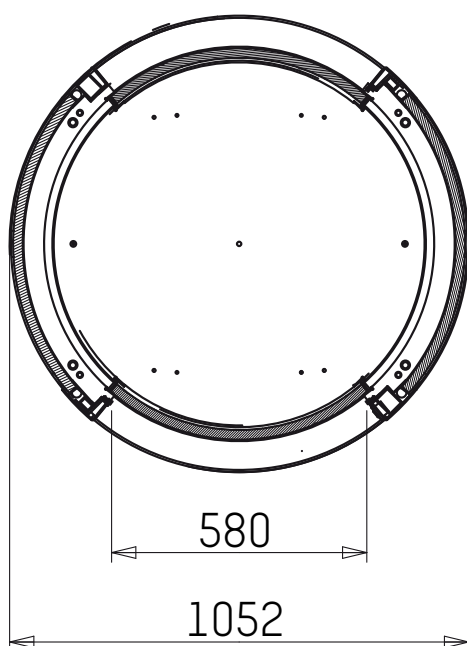**Note:** Follow the installation plan.

OPTIONS

1. Metal plate cover on the top of the booth.
2. Microswitch contact under the cover for anti infraction alarm.
3. Non standard RAL color.
4. Smooth RAL color.
5. Brushed 304 L stainless steel finishing.
6. Floor frame for built-in installation.
7. Special support for installation on technical floor (Hmin100mm / Hmax400mm).
8. Support for reader (card, biometric...), placed inside the booth
9. Support for readers (width > 4 cms) fixed on the external (entrance) side on the internal (exit) side of the booth metal structure.
10. Mechanical locker for metal objects with 10 drawers.
11. Radar for automatic door opening (entry / exit way).
12. Colour video camera inside of the booth.
13. Auxiliary control console (in connection with the standard control console).
14. Remote special console with extra buttons (3 rows of buttons).
15. 12V 7 Ah batteries (2).
16. Electronic card for the transmission in serial line of the weight detected inside the booth.
17. Converter RS485 to LAN for network consoles.
18. Service kit (cable, software, key...).
19. Top canopy with different height.
20. Virtual Console for remote monitoring (software & PC).

SPECIFIC OPTIONS

1. Left / Right angle 90° passage.
2. All lateral + mobile glasses BR3S P6B.
3. Product structure in FB4 certificated metal (EN1522).
4. Force entry resistance RC4 (EN1627) all mobile & lateral BR3S P6B glasses included.
5. Rain protection / product with weight detection (IP33) + 50 mm height of the product.
6. Metal detector & Left object control devices (passage libre de max. 810mm) entry way only.
7. Opening internal roof for assistance service.
8. Heating of the canopy for outside front installation.
9. Dismountable booth (instead of welded). Delivered assembled or shipment in parts.
10. Frosted glass.

Note: For restrictions on options, please contact us.

STANDARD DIMENSIONS (MM)

580

1052

2074

2350

25

CL 635-FT-EN-08