

ClearLock 637 / 638

Datasheet

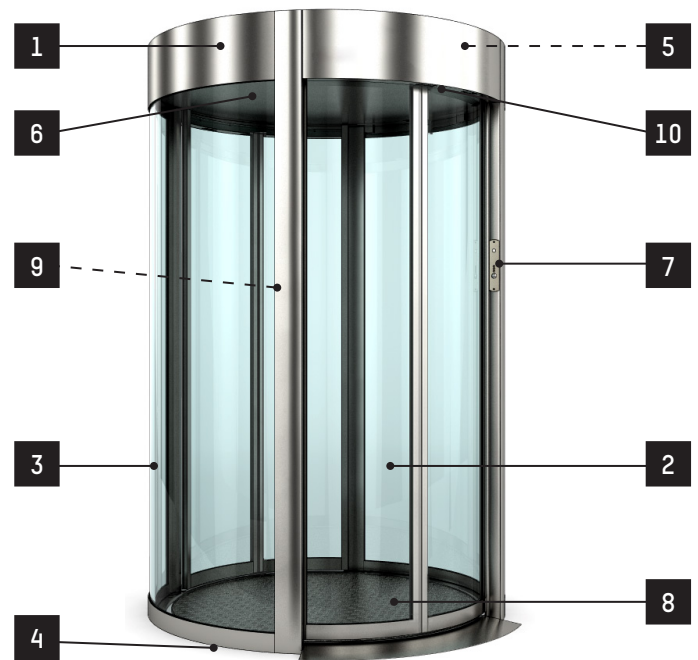
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AUTOMATIC
SYSTEMS

ClearLock™



CL 637



CL 638

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

The **ClearLock 637 and 638** 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.

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 security booth provide a free passage of **900 mm (for ClearLock 637)** and **850 mm (for ClearLock 638)** and an external diameter of **1.500 mm**.

AVAILABLE VERSIONS:

- ClearLock 637: one door at the Entry and one door at the Exit
- ClearLock 638: 2 doors at the Entry and 2 doors at the Exit

DESCRIPTION

1. Painted steel **upper casing** containing the drive mechanism and the control board unit of the security booth.
2. **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;
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.



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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 TECHNICAL CHARACTERISTICS

Power supply	230 V single phase, 50/60 Hz, 10 A + ground	
Consumption	200W	
Ambient operating temperature	- 10° C / 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	<ul style="list-style-type: none"> - 6 passages/minute in one direction - 8/9 passages/minute in both directions (such data do not consider the possible working times due to utilization of card/ badge readers) 	
Dimensions (mm)	CL 637	CL 638
Overall dimensions:	Height: 2350 Diameter: 1500	Height: 2350 Diameter: 1500
Clearance dimensions:	Height: 2074 Width: 900	Height: 2075 Width: 850
Weight	1000 kg	
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	
	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 - large security doors.
6. Floor frame for built-in installation.
7. Special support for installation on technical floor (other dimensions).
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. Converter RS485 to LAN for network consoles.
17. Service kit (cable, software, key...).
18. Top canopy with different height.
19. Virtual Console for remote monitoring (software & PC).

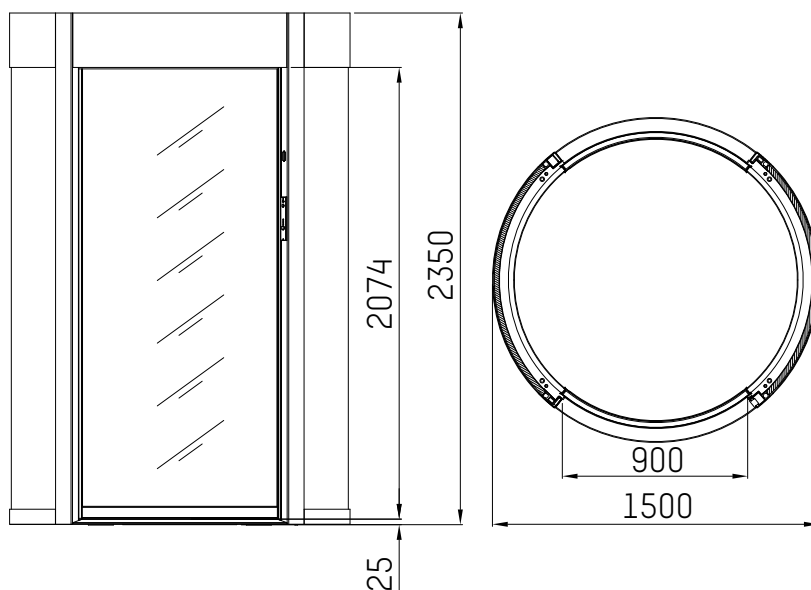
SPECIFIC OPTIONS

1. All lateral + mobile glasses BR3S P6B.
2. Product structure in FB4 certificated metal (EN1522).
3. Force entry resistance RC4 (EN1627) all mobile & lateral BR3S P6B glasses included - *only for CL 637*.
4. Rain protection / product with weight detection (IP33) + 50 mm height of the product.
5. Metal detector & Left object control devices (passage libre de max. 850 mm) entry way only.
6. Mechanical emergency opening system external + internal doors.
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.

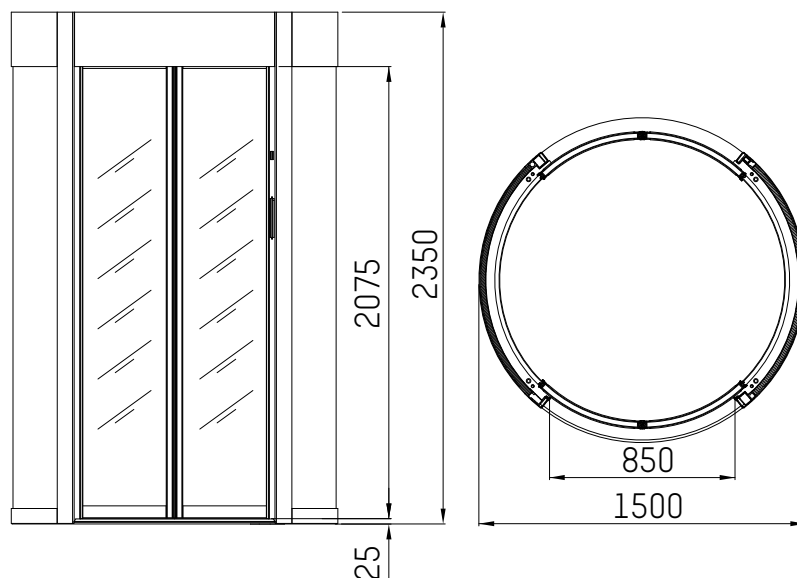
Note: For restrictions on options, please contact us.

STANDARD DIMENSIONS (MM)

CL 637



CL 638



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