

CL 637

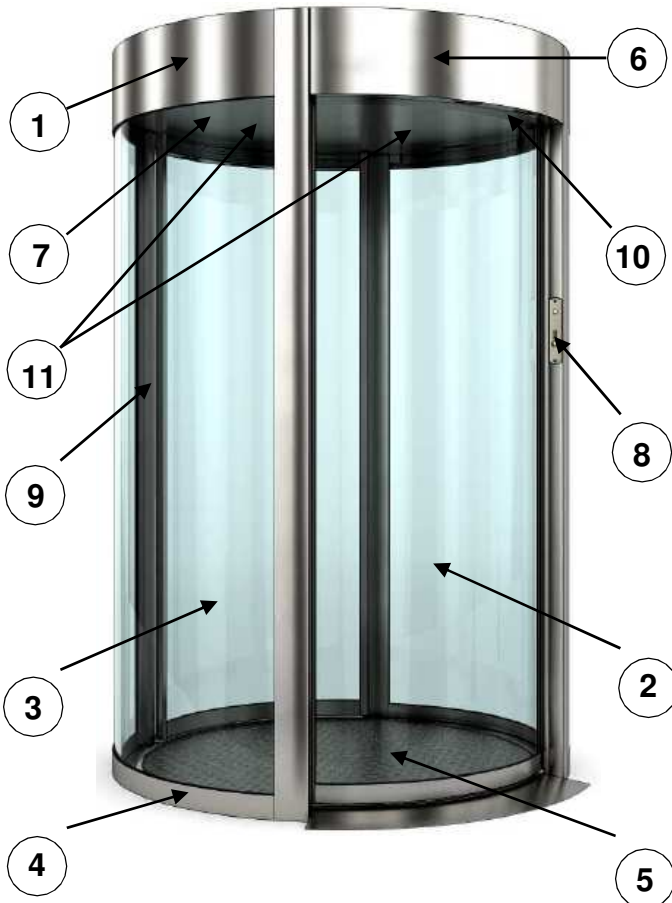
TECHNICAL DATASHEET

NAM - CL 637-FT-EN-A

AUTOMATIC
SYSTEMS

Access controlled...
Future secured

ClearLock



The ClearLock booths are designed to provide high security access control and management of pedestrian flow. Based on more than 20 years' experience, their design and robust structure allow for easy integration into prestigious locations such as office buildings, airports, laboratories and sensitive sites.

The high-security **ClearLock 637** booth is equipped with two mobile obstacles which provide a free passage width of **33 7/16 in [850 mm]**, and an external diameter of **59 1/16 in [1500 mm]**.

DESCRIPTION

- 1 **Cabin top** made of painted steel to hold the drive mechanism and the control board unit of these security booths.
- 2 **Mobile obstacles** in laminated glass 7/8 in [22 mm] thick BR2 P6B (Bullet & Vandalism Resistant).
- 3 **Curved side walls** made of painted steel and laminated clear glass 7/8 in [22 mm] thick BR2 P6B (Bullet & Vandalism Resistant)
- 4 **Floor resin** 1 in [25 mm] thick for installation on finished floor.
- 5 **Single Person** detection device.
- 6 **Control board unit & motorisation** comprised of:
 - Programmable electronic board
 - Remote console for operating mode adjustment
 - Voice messaging device
 - 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 DC 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 (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)
- 7 **Overhead lighting** of the passageway
- 8 **Function pictograms:** red and green LED displays indicating the status of the security booth.
- 9 **Push buttons** for emergency opening and intercom.
- 10 **Mechanical lock** for external door.
- 11 Removable **internal ceiling** panel for maintenance.

STANDARD RAL COLORS



RAL 7035
Light grey



RAL 9011
Black



RAL 9010
White



RAL 8019
Dark brown

All other colors must be specified when ordering

SURFACE TREATMENT

All the mechanical parts have electro-zinc treatments to prevent corrosion, according to RoHS norms.

STANDARD TECHNICALS CHARACTERISTICS

Power supply	120 V single phase, 60 Hz, 10 A + Ground
Gear motor	Reversible
Torque limiter	Electronic
Speed setting	Programmable
Passages (excluding activation time of the access control device)	6 people / min / way 8 to 9 people / min / 2 ways
Power consumption	200 W
Weight	2,205 lbs [1000 kg] depending on glass
Operating T°	From 14° to 131°F [-10° to +55°C]
Max relative humidity	90%, without condensation
Protection index	IP40
Shock resistance	IK09 housing BR2 (EN1063) Bullet resistant glass P6B (EN 356) Vandalism resistant glass
MCBF	1 Mo of cycles or 2 year With recommended maintenance
MTTR	1 hour

OPTIONS

1. Entry and/or exit opening sensor
2. Metal detector device in Entry
3. Left object detection device (with metal detector in Entry)
4. Internal column for readers and accessories
5. Additional remote console
6. Converter RS485 to LAN network consoles
7. BR3 P6B Bullet & Vandalism Resistant Glass (mobile obstacles and curved side walls)
8. BR4 P6B Bullet & Vandalism Resistant Glass (mobile obstacles and curved side walls)
9. Housing with non-standard RAL color paint or smooth finish paint
10. Housing 304L stainless steel (brushed or mirror polish)
11. Milky glass finish for obstacles
12. Frame for recessed installation
13. Special frame for built-in installation
14. Special support for installation on technical floor

For restrictions on options please speak to your sales representative

WORK TO BE PROVIDED BY OTHERS (NOT SUPPLIED)

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

Refer to the installation drawing.

STANDARD DIMENSIONS (INCHES & MM)

