

# CL636

Technical datasheet

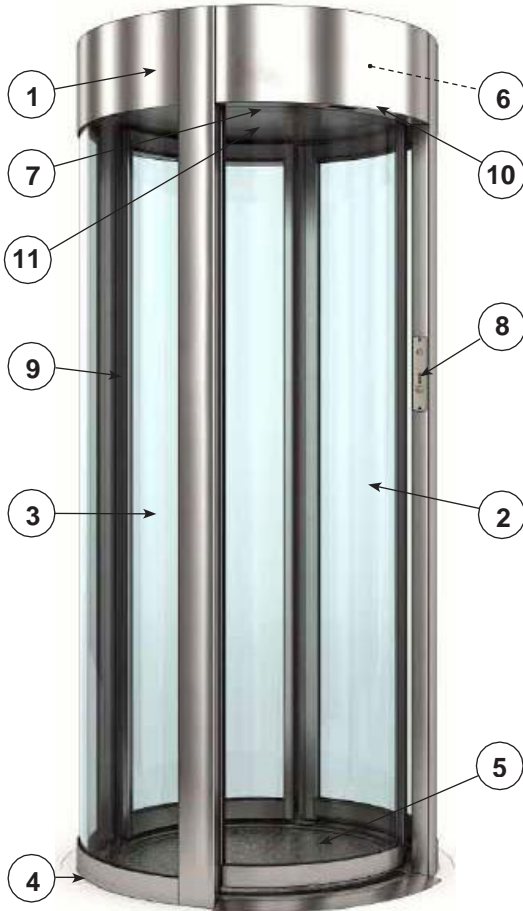
NAM-CL 636-FT-EN-B

## ClearLock

# AUTOMATIC SYSTEMS

Access controlled...  
Future secured

### DESCRIPTION



- 1. Cabin top** made of painted steel to hold the drive mechanism and the control board unit of the security booth.
- 2. Mobile obstacles** in clear laminated glass 7/8 in [22 mm] thick BR2 P6B (Bullet & Vandalism Resistant).
- 3. Curved side walls** made of painted steel and clear laminated 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 & motorization** 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 locking 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. Functional 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.

The **ClearLock** booths are designed to provide high security entrance 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 636** booth is equipped with two mobile obstacles which provide a free passage width of **25 5/8 in [650 mm]**, and an external diameter of **45 1/4 in [1,150 mm]**.

The **ClearLock 636** is available with straight [180°] of left/right angled [90°] passage.



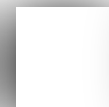
### STANDARD RAL COLORS



RAL 7035  
Light grey



RAL 9011  
Black



RAL 9010  
White



RAL 8019  
Dark brown

All other colors must be specified when ordering.

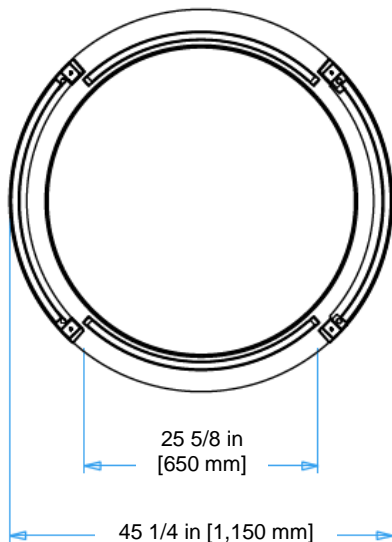
## SURFACE TREATMENT

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

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	120 V single phase, 60 Hz, 10 A + ground.
Gear motor	Reversible
Torque limiter	Electronic
Speed setting	Programmable
Passages	6 people / min / way
<i>(excluding activation time of the access control device)</i>	8 to 9 people / min / 2 ways
Power consumption	200 W
Weight	1,500 lbs [680 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

## STANDARD DIMENSIONS (INCHES & MM)



## OPTIONS

1. Entry and / or Exit opening sensor
2. Left / Right angle 90° passage
3. Metal detector sensor in Entry
4. Left object detection sensor (with metal detector in Entry)
5. Additional Remote console for secondary security location
6. RS485 LAN converter for 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 flat finish paint
10. Housing 304L stainless steel (brushed or mirror polish)
11. Internal column for readers and accessories
12. Tinted glass (mobile obstacles and curved side panels)
13. Frame for recessed installation
14. Special frame for built-in installation
15. Special support for installation on technical floor

*i* For restrictions on options please speak to your sales representative.

### WORK TO BE PROVIDED BY OTHERS (NOT SUPPLIED)

- Floor anchors
- Power supply
- Connection between booth and access control device

*i* Refer to the installation drawing.

