# CL646

Technical Datasheet

NAM- CL 646-FT-EN-C

AUTOMATIC SYSTEMS

Access controlled...
Future secured

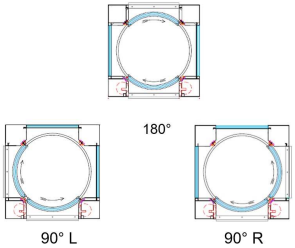
ClearLock


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 646** booth is equipped with two mobile obstacles which provide a free passage width of **26 3/8 in [670 mm]**, and an external dimension of **45 1/4 in [1,150 mm]** (width) x **45 1/4 in [1,150 mm]** (length).

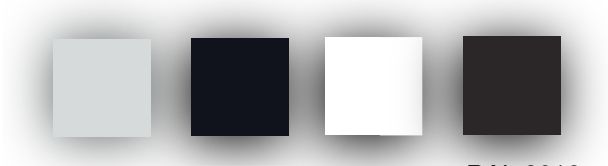
The **ClearLock 646** is available with straight [180°] of left/right angled [90°] passage.




## 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 1-1/16 in [27 mm] thick BR3 P6B (Bullet & Vandalism Resistant).
3. **Side walls** made of painted steel. Optional clear glass.
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 message 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 Key lock** for external door.

## STANDARD RAL COLORS



| RAL 7035 Light grey | RAL 9011 Black | RAL 9010 White | RAL 8019 Dark brown |
|---|---|---|---|

Color must be specified when ordering.

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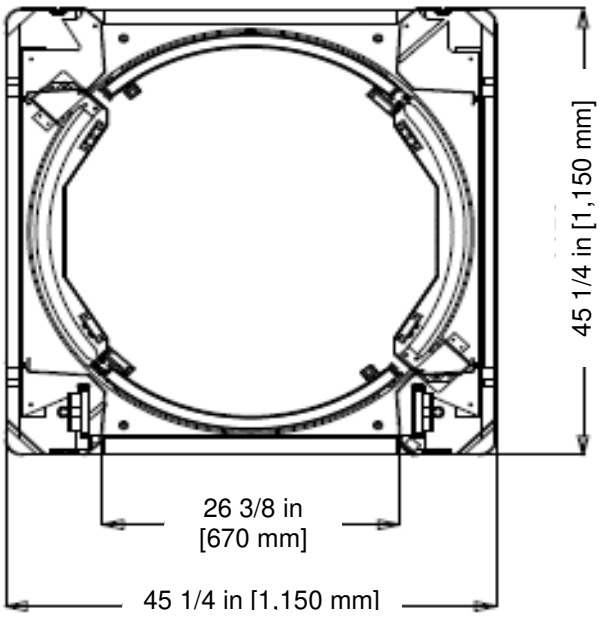
## SURFACE TREATMENT

All mechanical parts have received 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* | 6 people / min / way |
| Power consumption | 200 W |
| Weight | 1,654 lb [750 kg] depending on glass |
| Operating T° | From 14° to 131°F [-10° to +55°C] |
| Max relative | 90%, without condensation |
| Protection index | IP40 |
| Shock resistance | IK09 housing<br>BR3 (EN1063) Bullet resistant glass<br>P6B (EN 356) Vandalism resistant glass |
| MCBF | 1 Mo of cycles or 2 year when respecting 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. BR3 P6B Bullet & Vandalism Resistant Glass (mobile obstacles and side walls)
5. BR4 P6B Bullet & Vandalism Resistant Glass (mobile obstacles and side walls)
6. Left object detection sensor (with metal detector in Entry)
7. Additional Remote console for secondary security location
8. RS485 LAN converter for network consoles
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 side walls)
13. Special frame for built-in installation
14. Special support for installation on technical floor

For restrictions on options, please speak with your sales representative.

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

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

Refer to installation drawing