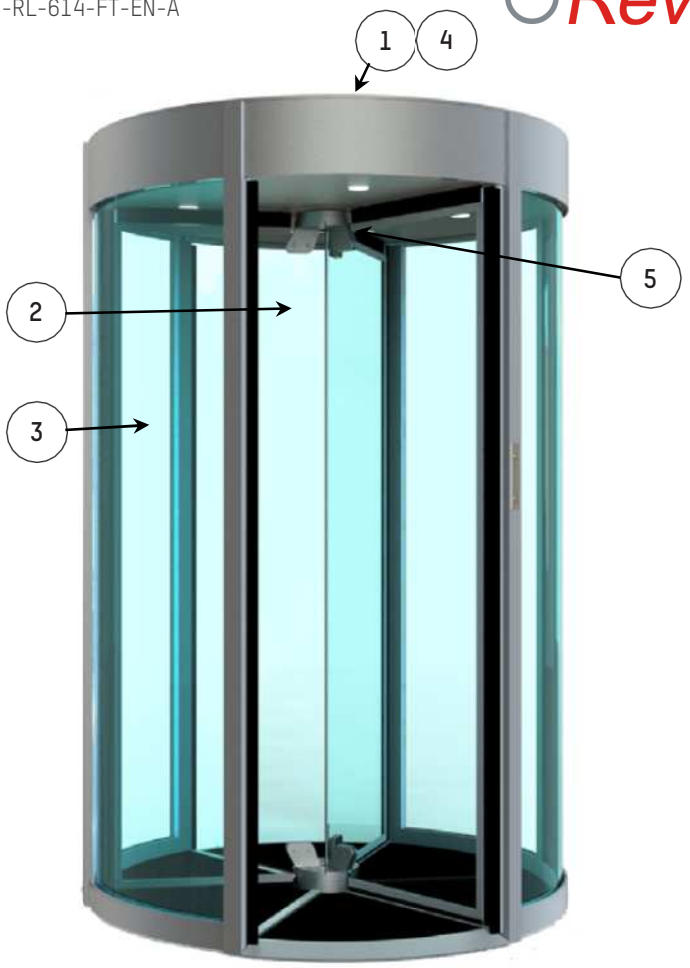
RL 614

Technical Datasheet
NAM-RL-614-FT-EN-A

RevLock

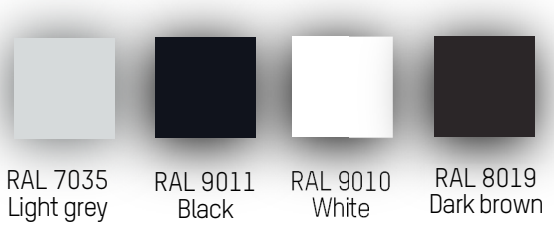
AUTOMATIC SYSTEMS
Access controlled...
Future secured



DESCRIPTION

1. **Cabin top** made of painted steel to hold the drive mechanism and the control board unit.
2. **Mobile obstacles** in clear laminated glass, 1/2" - 1/2" - 12/13 mm thick.
3. **Curved sidewalls** in clear laminated glass, BR2S (EN 1063-Bullet resistant) P6B (EN 356-Vandalism resistant) 3/4"- 13/16" - 19/21 mm thick.
4. **Control board unit & motorisation** including among other things:
   - Programmable electronic board
   - I/O card for access control system
   - Remote console
   - Voice messaging device
   - Back-up batteries ensuring 100 cycles in case of power failure
   - Electro-mechanical lock of the obstacles *(with unlocking in case of power failure).*
5. **Spotlights** for lighting of the security booth.
6. **Functional pictograms**: red and green LED displays indicating the status of the security booth.
7. Push buttons for the **intercom.**
8. **Key lock mechanism** for the external door.
9. **Anti-piggybacking** detection system *(option).*

STANDARD RAL COLOR



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

Non-standard colors must be specified when ordering

SURFACE TREATMENT

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

WORK TO BE PROVIDED BY OTHERS

- Floor anchors.
- Power supply.
- Connection between booth and access control device, the console and the other RevLock.

Refer to the installation drawings

The **RevLock** range of **revolving security doors** are designed to ensure a secure access control and management of high pedestrian flow.

RevLock's high security revolving doors meet the industry standards concerning piggybacking, bullet resistance, forced entry and vandalism.

The 3 mobile obstacles of the **RevLock 614** automatic revolving security doors allow for a high bi-directional flow of pedestrians with a free passage width of **32 15/16" (837 mm)** and an external diameter of **69 11/16" (1770 mm).**

Consisting of a steel frame, glass panels and a painted steel housing, the **RevLock** automatic revolving security doors provide thermal insulation and high visibility of their surrounding environment.

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STANDARD TECHNICAL CHARACTERISTICS

Power supply	120 VAC single-phase, 60 Hz, 10A + ground
Motor	24VDC for reversible movement of the obstacles, with closing safety lock.
Back-up Battery	12V - 18Ah sealed lead-acid batteries to provide power in case of power loss.
Control board	Programmable
Max throughput *(depends on validation speed of the access control system)*	• 20 passages per minutes in one direction • 40 passages per minute if in both directions
Consumption	200 W
Operating T°	from 14 ° to 131 °F (-10 ° to +55 °C) *(without heating option)*
Max relative humidity	90%, without condensation
MCBF	2 M cycles or 2 years, with recommended maintenance
MTTR	1 hour
Weight	± 2640 lbs (1200 kg) with base ± 2365 lbs (1075 kg) without base ± 2750 lbs (1250 kg) TOF detection, with base ± 2475 lbs (1125 kg) TOF detection, without base

OPTIONS

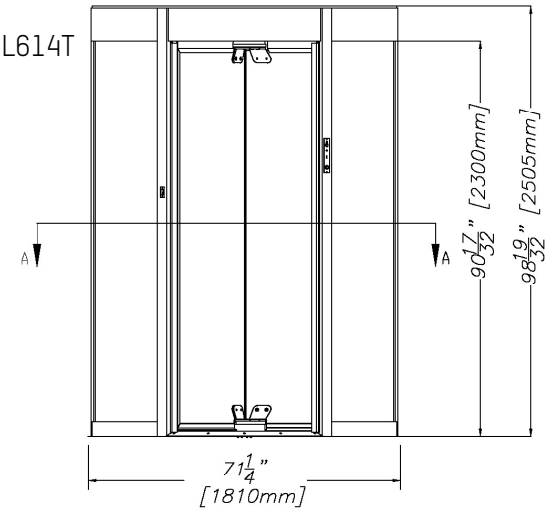
1. Piggybacking sensors *(2 ways)* with weight control system or with a time of flight camera *(TOF).*
2. High doors *(mandatory for TOF detection).*
3. BR2S/P6B (Bullet and Vandalism Resistant) mobile obstacles.
4. BR4S/P6B (Bullet and Vandalism Resistant) curved sidewalls and mobile obstacles.
5. IP33 rain protection rating.
6. Metal roof closing plate.
7. Anti-vandalism detection for top covers.
8. Non-standard RAL color paint for housing.
9. 304L stainless steel housing *(brushed finish).*
10. Radar for automatic opening of the doors.
11. Additional console.
12. Long life batteries.
13. Converter RS-485 / LAN.
14. Kit for electronic adjustment service (cable, software...).

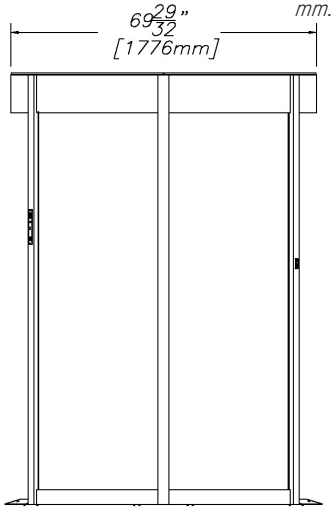
For restrictions on options speak to your sales representative.

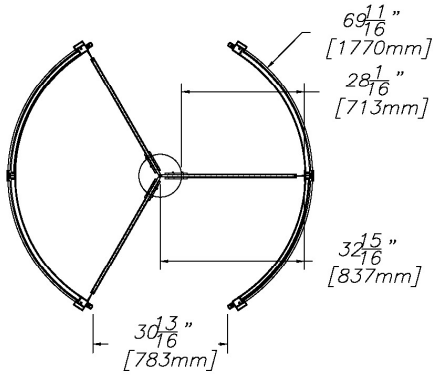
STANDARD DIMENSIONS (INCHES & MM)

- *Every installation in front of a building will be 2" - 50 mm taller in the middle.*
- *Height of the base with weighting system = 1 3/16" – 30 mm.*

RL614T







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