



Revlock 614/614T Revolving Turnstile

The RevLock range of revolving security doors is designed to ensure 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 three 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" (837mm) 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.

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).

Security & Safety

- Single passage every time
- Mechanical locking to withstand forced entry attempts
- Anti-pass back device to prevent unauthorized use
- Built to withstand intensive/abusive use
- Collapsible arm in case of emergency or power failure (option)
- CSA Certified

Reliability & Performance

- Superior mechanical systems and electronics
- Auto-centering mechanism to guarantee complete rotation
- Crawling and jump over detection (option)
- Highly reliable (MCBF of 5 million cycles)

Key Features

Input Power	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 minute in one direction - 40 passages per minute if in both directions
Consumption	200 W
Operating T°	from 14° to 131° F (110° to +55° C) without heating option
Max relative humidity	90%, without condensation
MCBF	2 M cycles of 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

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

Surface Treatment

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

Common Applications:

- Logistics and building sites
- Administrative buildings, schools, and universities
- Hospitals
- Ports and airports

Work to be Provided by Others (Not Supplied)

- Performing electrical interconnection and connections to the power grid
- Performing connections to the access control systems
- Anchoring the equipment with the appropriate hardware for your floor type

All work should be performed as per the implementation and interconnection diagrams provided.

Dimensions: RevLock 614/614T

