avant•garde

AUTOMATIC SYSTEMS

RevLock 603/603T
Revolving Door

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 4 mobile obstacles of the RevLock 603 automatic revolving security door allow for a high bi-directional flow of pedestrians with a free passage width of 35 15/16″ (913 mm) and an external diameter of 76 5/16″ (1938 mm).

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. Overhead lighting 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 doors.
9. Single person detection device (optional).

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Security & Safety

- Full-height circular booth with sliding entrance and exit doors that never open simultaneously
- Bullet, vandalism and theft resistant, compliant with industry standards (EN1063, EN356, UL752...)
- Single person detection

Reliability & Performance

- Double entrance and exit doors, ensuring fluid throughput (ClearLock 65x)
- Control panel for set up and management
- Remote management using TCP/IP connectivity

Key Features

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 ofthe 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
Maximum Relative Humidty	90% without condensation
MCBF	2 M cycles or 2 year with recommended maintenance
MTTR	1 hour
Weight	± 2866 lbs (1200 kg) with base ± 2557 lbs (1160 kg) without base ± 2976 lbs (1350 kg) TOF detection, with base ± 2667 lbs (1210 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 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 mechanical parts have received electro-zinc treatments to prevent corrosion, according to RoHS norms.

Common Applications:

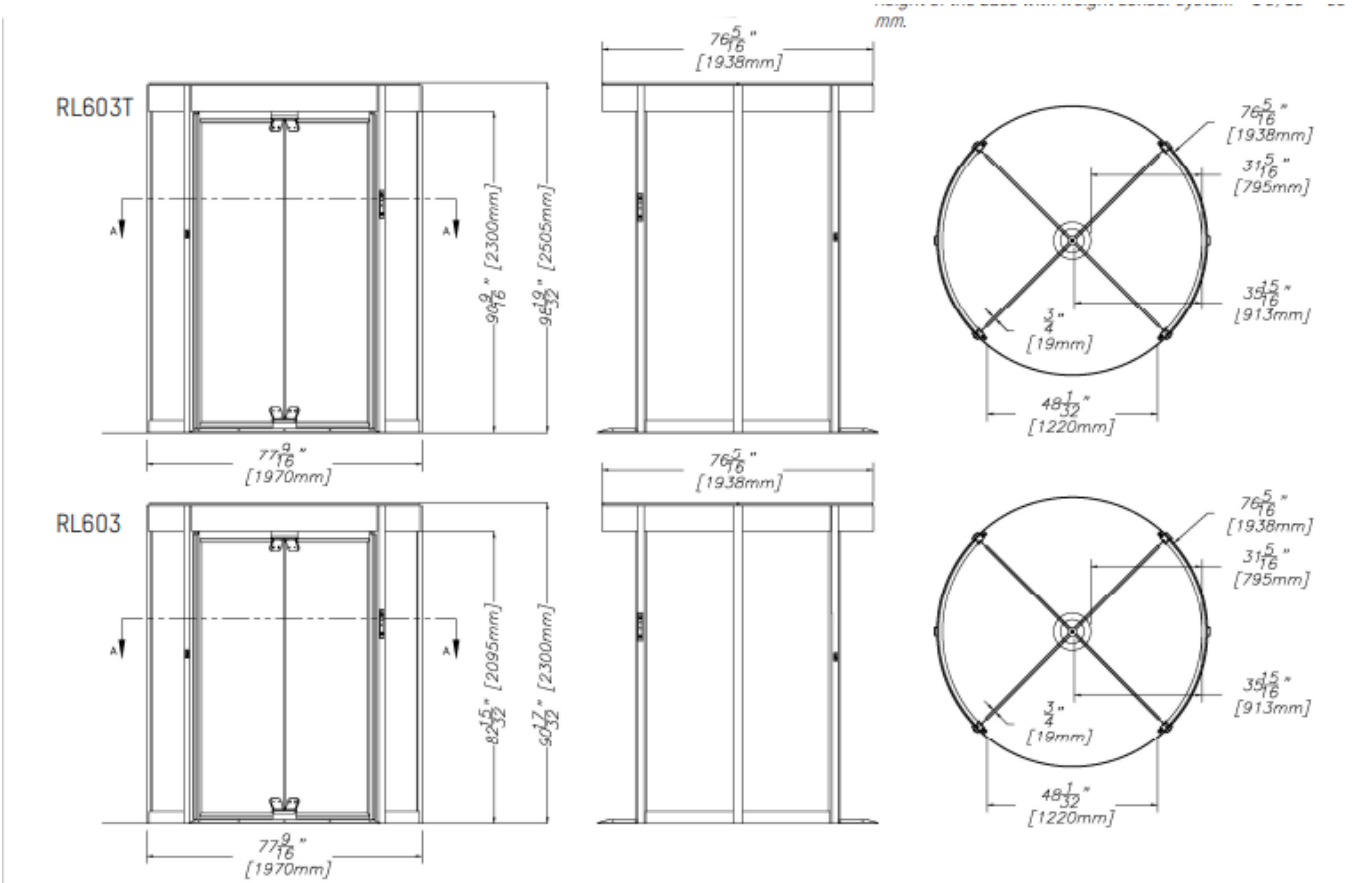
- Logistics and building sites
- Administrative buildings
- Schools and universities
- Hospitals
- Ports and airports

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 603/603T



With a constant view to adopting the latest technological developments, Automatic Systems reserves the right to amend the above information at any time.