

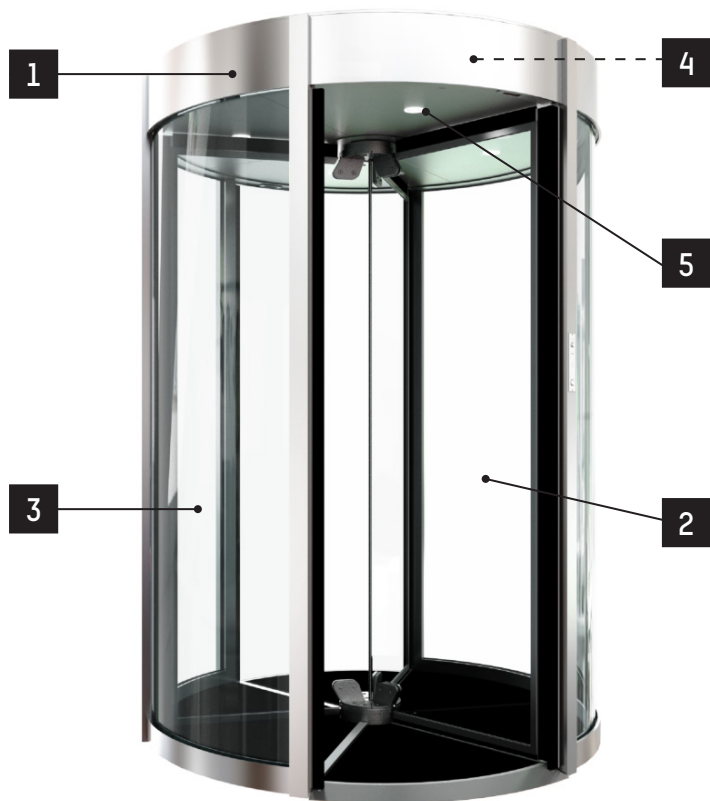
# RevLock 603/603T

## Datasheet

Rev. 08 • Update 02/2022

**AUTOMATIC**  
SYSTEMS

RevLock™



### DESCRIPTION

1. **Painted steel upper casing** contains the drive mechanism and the control board unit of the security booth.
2. **Mobile obstacles** in clear laminated glass, 12/13 mm thick.
3. **Curved side walls** in clear laminated glass BR2S P6B.
4. **Control board unit & motorisation** comprising:
  - Programmable electronic board
  - Input / Output interface board
  - Remote control console
  - Voice messages device
  - Back-up batteries ensuring 100 cycles in case of power failure
  - Electro-mechanical lock of the obstacles (with programmable unlocking in case of power failure)
5. **Spotlights** for lighting of the passageway.
6. Removable inner roof for maintenance of the mechanism from the inside.
7. **Function pictograms:** red and green LED displays indicating the status of the security booth. And also push button, intercom and/or access badge reader, according to the need.
8. **Key Lock** for locking doors.

The **automatic security revolving doors of the RevLock series** are designed to ensure a **high security access control with a high throughput**.

The **RevLock** high security revolving doors answer to the market demand for uniqueness of passage, bulletproof resistance and burglary and vandalism resistance.

The **4-section RevLock 603** automatic doors allow a bidirectional high flow with a free interior passage of **795 mm** for an outside diameter of **1970 mm**.

This product is available in 2 different heights:

- **RL 603:** with external height of **2300 mm**.
- **RL 603T:** with external height of **2505 mm**.

Consisting of a frame, a painted steel and glass panels covering, the RevLock revolving doors have good thermal insulation and high visibility with their surrounding environment.



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## CONFIGURATIONS

1. RAL 7035 Light grey - RAL 9011 Black - RAL 8019 Dark brown - RAL 9010 White.
2. In case of power failure:
  - Free rotation: doors can be opened manually
  - No rotation possible: doors remain locked
3. Reader integration, intercom and / or push button on entry side and / or exit side.
4. Language to be used for the voice messages and the instructions on the front side of the control unit board.

## SURFACE TREATMENT

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

## STANDARD TECHNICAL CHARACTERISTICS

Power supply	UL 230/100 V single phase, 50/60 Hz, 10 A + ground	
Consumption	200 W	
Backup battery	12 V - 2Ah sealed lead-acid batteries to provide power in case of power loss	
Motor	24VDC for reversible movement of the obstacles, with closing safety lock	
Operating logic	Programmable	
Passages	<ul style="list-style-type: none"> <li>- 20 passages per minute (one direction)</li> <li>- <math>\pm 40</math> passages per minute (two directions) (Excluding activation time of the access control device)</li> </ul>	
Ambient operating temperature	-10° to +55°C (Without heater option)	
Relative ambient humidity	85%, without condensation	
MCBF (Mean cycles between failures)	1,000,000 cycles, in compliance with recommended maintenance	
MTTR (Mean time to repair)	2 hours	
	RL 603	RL 603T
Dimensions		
Overall dimensions (mm):	Height: 2300 Diameter: 1970	Height: 2505 Diameter: 1970
Passage dimensions (mm):	Height: 2073 Width: 1206	Height: 2300 Width: 1206
Weight	$\pm 1300$ kg with base $\pm 1160$ kg without base	$\pm 1350$ kg with base $\pm 1210$ kg without base
CE	Complies with European standards	

## WORKS TO BE PROVIDED BY THE CUSTOMER

- Assembly of the product (delivered disassembled).
- Fixing on the floor.
- Power supply.
- Connection between booth and access control device.

**Note:** Follow the installation plan.

## OPTIONS

1. Metal plate cover on the top of the booth.
2. Microswitch contact under the cover for anti infraction alarm.
3. Non standard RAL color.
4. Smooth RAL color.
5. Brushed stainless steel 304 L - large security doors.
6. Floor frame for built-in installation.
7. Support for readers (width > 4 cms) fixed on the external (entrance) side of the booth metal structure.
8. Radar for automatic door opening (entry wayand/or exit way).
9. Auxiliary control console (in connection with the standard control console) or with extra buttons (3 rows of buttons).
10. 12V 7 Ah batteries.
11. Converter RS485 to LAN for network consoles.
12. Service kit (cable, software, key...).
13. Top canopy with different height.
14. Virtual Console for remote monitoring (software & PC).

## SPECIFIC OPTIONS

1. Single person detection by floor weight detection system - 2 ways.
2. Single person detection by volumetric camera - 2 ways - *only for RL 603T*.
3. Base floor - *only for RL 603T*.
4. Product structure in FB4 certificated metal (EN1522).
5. Force entry resistance RC4 (EN1627)  
BR3S P7B mobile & BR4S P8B lateral glasses included.
6. Rain protection / product with weight detection +50 mm height of the product.
7. Rain protection / product with volumetric detection +50 mm height of the product - *only for RL 603T*.
8. Heating of the canopy for outside front installation.
9. Collapsible doors.
10. Night closing doors with standard glasses.
11. Safety sensors for Enhanced speed rotation.

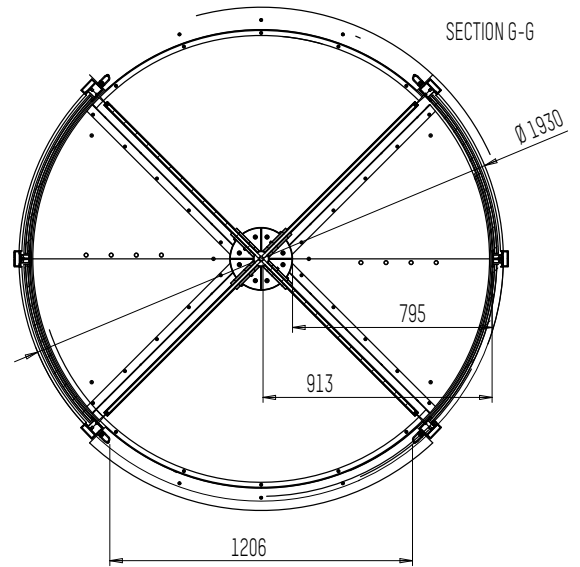
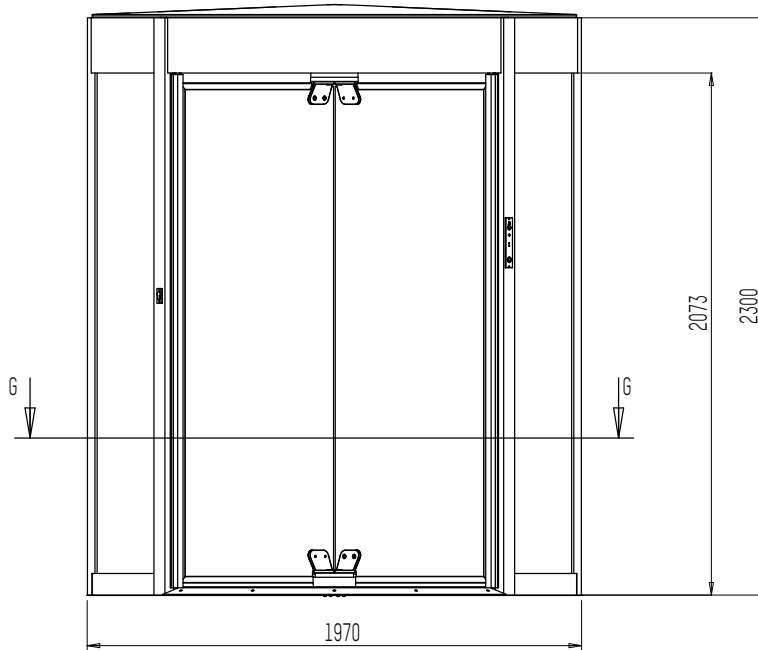
**Note:** For restrictions on options, please contact us.

**Note:** For any installation on the building facade, the roof will be 50 mm higher in the center.

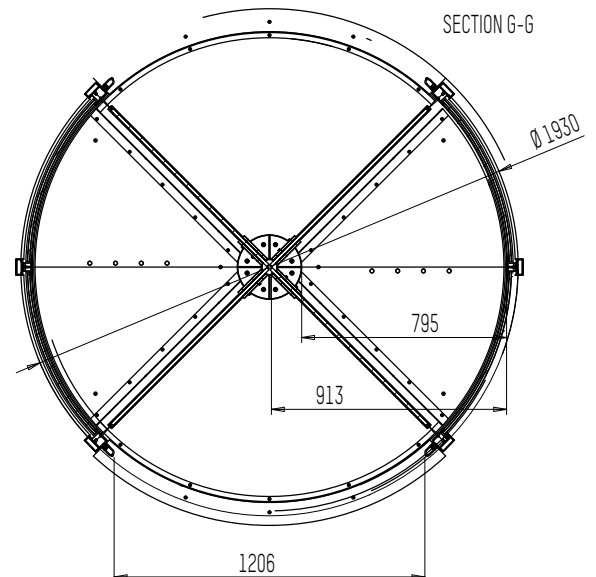
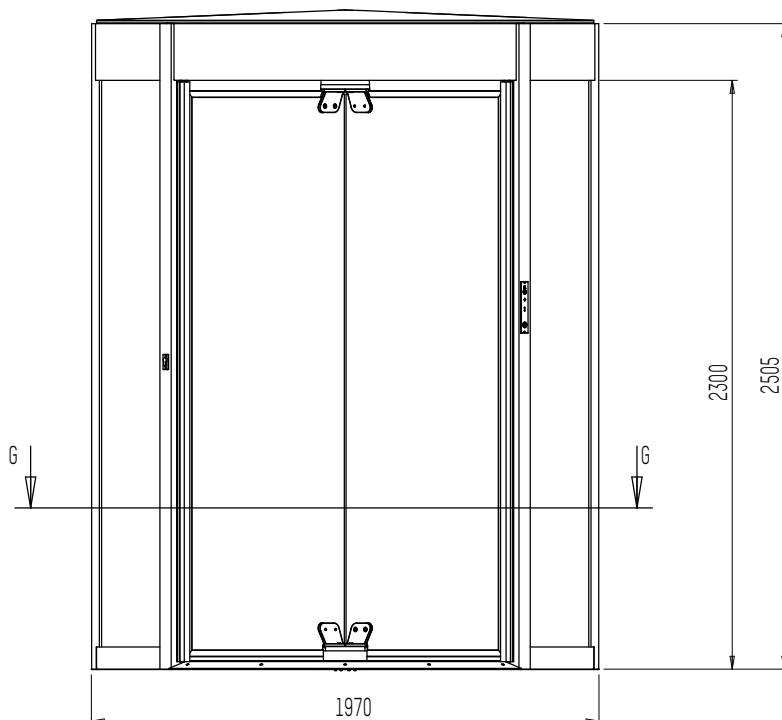
Base height for weight detection system = 33 mm.

## OVERALL DIMENSIONS (MM)

### RevLock 603



### RevLock 603T



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RL603-FT-EN-08