

DESCRIPTION



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

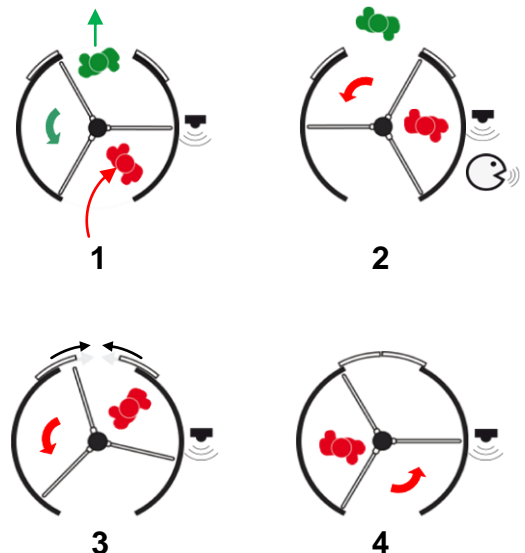
Resulting of more than 20 years experience, their design and their robust realization destined them specifically to the access of the works of prestige such as office buildings, airports, laboratories, libraries.

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

The revolving security door **RevLock 610** is equipped with **3 doors** at 120° and a **double sliding door** in the secured area side providing a best fluidity in the access control.

The revolving security door **RevLock 610** offers a free passage of **750 mm** and an external diameter of **1800 mm**.

1. Painted steel **Frame**, thickness 2 mm, high stiffness.
2. **Side panels** in painted steel and laminated glass BR2/S P6B thickness 20/21 mm.
3. **Mobile obstacles** in laminated clear glass P3A, 11/12 mm thick. Each panel is equipped with brushes for waterproofing.
4. **Upper steel painted casing** containing the device of motorization and the control board of the security door.
5. **Control logic and motorization** comprising:
 - an electronic programmable board;
 - connections terminals with RS485 interface port;
 - a 24 V DC power supply;
 - 24 V DC engines (2) managed by electronic card providing rapid movements with progressive slowdowns at the end of cycle;
 - a programming and control console;
 - back-up batteries (2) providing approximately 100 cycles in case of power failure;
 - a system for unlocking the obstacles in case of power failure (after discharge of back-up battery).
6. **LED lights** (3) providing the lighting of the zone of passage in the security door.
7. **Anti pinch bumpers** ensuring the safety of the users.
8. **Double sliding door** in the secured area side, providing a best fluidity in the access control:



SURFACE TREATMENT

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

RAL coating choice (structured paint):

RAL3020 Red - RAL7001 Grey - RAL9005 Black

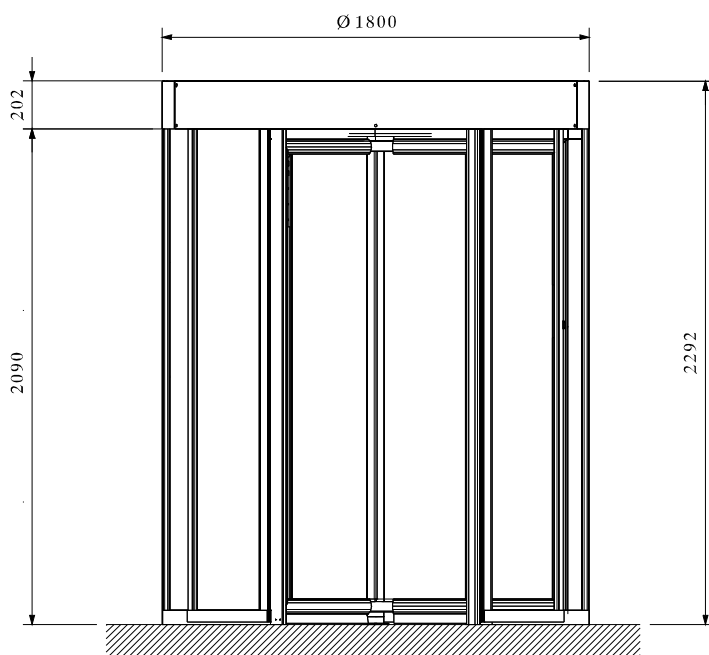
RAL5010 Blue - RAL6024 Green - RAL9010 White

STANDARD TECHNICAL CHARACTERISTICS

Power supply	230V single phase; 50/60 Hz; 10 A + ground.
Geared motor	120 W - 24 VDC
Torque limiter	electronic
Speed adjustment	programmable
Passages (out of action time of the access control device)	12 users/minute/1 direction 24 users/minute/2 directions
Power consumption	150 W
Weight	1000 to 1100 kg, depending on glasses
Operating t°	-10° to + 45° C
Max relative humidity	90%, without condensation
Protection index	IP33 (with optional roof)
Shock resistance	IK09 (housing)
MCBF (mean cycles between failures)	2 millions, when respecting recommended maintenance
CE	Conforms to European norms

STANDARD DIMENSIONS (mm)

Surf. : 2,55 m²



OPTIONS

1. Manual lock.
2. Housing other RAL paint or flat finish paint.
3. Housing 304L stainless steel (brushed or mirror polished).
4. Single presence detector (1 or 2 directions).
5. Voice messages board.
6. Intercom.
7. Access control kit (1 or 2 directions).
8. Entry and/or exit motion detector for opening.
9. Kit for TCP/IP communication with the remote console.
10. External pushbutton for emergency unlocking.
11. Heater for operation down to -20°C.
12. Waterproof IP33 roof (half or complete).
13. 12/13 mm BR1/S P2A laminated glasses for obstacles and doors.
14. 20/21 mm BR2/S P6B laminated glasses for obstacles and doors.
15. Milky glass finish.
16. Adaptation for UL power supply 230/110 VAC.
17. Free height passage 2300 mm.
18. Double external sliding doors, manual or motorized for non-secured area side (outside the site).
19. Function pictograms: red and green LEDs.
20. Electronics in separate cabinet.

WORK TO BE PROVIDED (NOT SUPPLIED)

(comply with installation drawing CH7951)

- Fixation to the floor.
- Power supply.
- Connection wire towards access control device.

