

REV190 RANGE

Our Security Revolving doors are approved to LPS1175: Issue 8 Security Ratings A1 (SR1), B3 (SR2), C5 (SR3), Cert/LPCB Ref. 1479q issue 2.



REV190 AND LPS1175

The REV190 is a **high security revolving door**, fully **automatic**, with **4 wings** and a large variety of security options.

Available in 3 different versions, (REV190-S1, REV190-S2 and REV190-S3) it completes our wide range of security portals approved LPS 1175: Issue 8 Security Ratings.

The **LPS1175: Issue 8 standard** relates to requirements and testing procedures for the **Loss Prevention Certification Board (LPCB)** approval and listing of intruder resistant building components, strong point, security enclosures and free standing barriers. The purpose of this standard is to evaluate the resistance to unauthorised access offered by physical security products.



REV190-S1 to S3 Portals
Approved to LPS1175: Issue 8
Security Ratings
A1(SR1), B3(SR2), C5(SR3).
Cert/LPCB Ref.. 1479q issue 2.

LEVEL OF ATTACK RESISTANCE

REV190-S1

A1 (SR1)

The portal model **REV190 - S1** has been approved **A1 (SR1)** security rating, as per the Certification number 1479q/02.

REV190-S2

B3 (SR2)

The portal model **REV190 - S2** has been approved **B3 (SR2)** security rating, as per the Certification number 1479q/03.

REV190-S3

C5 (SR3)

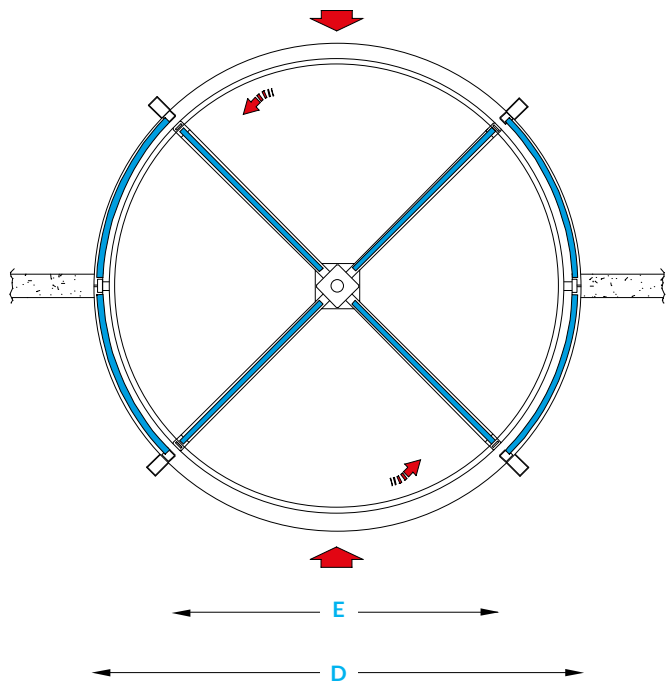
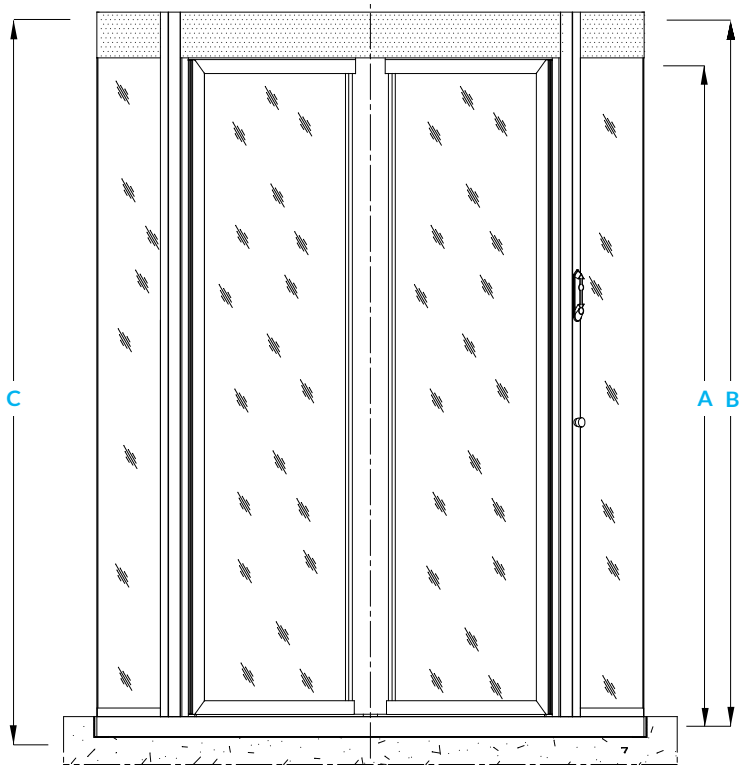
The portal model **REV190 - S3** has been approved **C5 (SR3)** security rating, as per the Certification number 1479q/01.

SPECIFICATIONS & DIMENSIONS

Product Name	Security Rating	A Entrance Height (mm) *	B Nominal External Height (mm) **	C Nominal External Height (mm) ***	D Nominal External Diameter (mm)	E Entrance Width (mm)	Wings	G Portal weight guideline (kg)	LPCB Ref. No
REV190-S1	A1 (SR1)	2060	2220	2290	1911	1270	4		1479q/02
	A1 (SR1)	2135	2295	2365	1911	1270	4		1479q/02
	A1 (SR1)	2300	2460	2530	1911	1270	4		1479q/02
REV190-S2	B3 (SR2)	2060	2220	2290	1911	1270	4		1479q/03
	B3 (SR2)	2135	2295	2365	1911	1270	4		1479q/03
	B3 (SR2)	2300	2460	2530	1911	1270	4		1479q/03
REV190-S3	C5 (SR3)	2060	2220	2290	1911	1270	4		1479q/01
	C5 (SR3)	2135	2295	2365	1911	1270	4		1479q/01
	C5 (SR3)	2300	2460	2530	1911	1270	4		1479q/01

* Portal is available in 3 different heights ** Recessed into the floor installation *** Surface-mounted with ramp installation

Note: Cladding option increases the overall dimensions of 4 mm and decreases the entrance width of 4 mm.



POWER SUPPLY & ELECTRONICS

Input:	110/230 VAC (EMI Filter included).
Output:	220 Vac.
Average power consumption:	95W (in std configuration).
Max power absorbed:	135 W (in std configuration).
Emergency battery backup:	up to 30 minutes, in std configuration (this is a cost option).
Electronic control:	REV190 Door System Control MB with APS (Alluser Portal Software).
Internal Light:	24 Vdc LED Spot lights – warm white 3.000K – Life expectancy 50.000 h.

SAFETY & EMERGENCY

Safety motor control:	Door wing movement with electronic control of motor torque for safety stop in presence of an obstacle.
Safety Edges Vertical Sensors:	Stationary sides vertical post mounted.
Safety Edges Horizontal Sensors:	Door wings frames base mounted. Revolving door directions mounted only.
IR anti-crush Safety Sensor	Revolving door ceiling mounted.
Mushroom shaped push buttons:	2 mushroom shaped push buttons:1 at secure side and 1 at non secure side. When pushed wings rotation is immediately stopped. Reset procedure is needed.
Fail Safe:	in standard configuration. Locking position is Fail Secure. Secure side mechanical emergency unlocking device
Fire Alarm signal:	It allows manual wings free rotation, with the exception of locking position.
Night Lock	

MOTORS

Brushless electrical motor equipped with Motor Gear, nominal power 750W, provided with encoder for continuous control of position.



DESIGN STANDARD FEATURES

Structure	Certificated metal revolving door structure in accordance with FB4/NS EN 1522. Top Canopy in accordance with FB2/NS EN 1522.	Wings	4 wings
Installation	Revolving door recessed into the floor (installed flush with finished floor level)	RAL Colours	You can customize your REV by choosing between a broad range of RAL code colours.
Height	The Standard Internal Height of our Revolving doors is about 2060 mm.	Access for servicing	Access to motor and electronic via removal of the outer canopy on the secure side of the revolving door.
Mat	Anti-slip floor mat EN13893; Fire reaction in accordance with Bfl-s I EN13501-1.	Key selector	1 key selector on Secure side. It allows REV190 ON/OFF, cleaning mode ON/OFF, Dynamic APD Reset

COST OPTION

NAME OPTION	DESCRIPTION
Structure	
Surface-mounted installation	Revolving door surface-mounted with access ramp instead of being installed flush with finished floor level.
K	K Version (Kit Version): Portal to be assembled at the site. Available in S or R version.
HUC 2135	High Under Canopy 2135 mm
HUC 2300	High Under Canopy HUC 2300 mm
Cladding	Brushed stainless steel, polished stainless steel or anodised aluminium cladding applied to top canopy, door frames or entire Revolving door.
Maintenance & Access control	
Access Control Brackets	Brackets for various access control card readers.
Connection Board	Connection board within canopy to allow connections to access control management systems, fire alarm etc.
Detection Device	
D - A.P.D	Dynamic Anti-Piggybacking Device detects the presence of more than 1 person inside the same quadrant, during a transit.
Reed switches Door position	Reed sensors located on doors to detect the status (open/closed) and so attempt at tampering doors.
Reed switches Top Cover	Reed sensors located on canopy to detect attempts at tampering.
Reed switches Ceiling position	Reed sensors located in the ceiling to detect attempts at tampering.
Top & Night - Weather	
Rain top cover	Covers for weather protection on the non-secure side.
Weather seals	Self-adhesive weather strips on edges of doors leaves.
Controllers	
Remote control touch panel	Display: 7" TFT 800 x 480 Touch Screen: Resistive Power Supply: 24VDC-6,5W Ethernet connection: 2x 10 / 100 Mbit/s Dimensions: 280 (L) x 170 (W) x 60 (H) mm