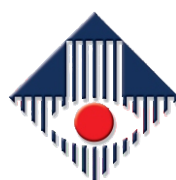




**Security Direct**  
property protection

Large Product Range ✓  
Competitive Prices ✓  
25 years Experience ✓

# Ultra Compact Security Rated Aluminium Roller Shutter



**SECURITY DIRECT**  
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# Ultra Compact - Vortex



## Key Benefits

- Domestic, Commercial, Retail
- Tested by the LPCB to LPS1175 Security Level 2
- Secured By Design
- Tested to Wind Class 5 - 114mph winds
- Smallest Shutter Box on the market
- Compact Aluminium Roller Shutter
- Solid or Perforated Laths available
- Aluminium
- Manual and Electric Operation
- Standard Finish - White and Anthracite Grey
- 4 week lead time (Subject to change)

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Secured by Design



Police Preferred Specification



## Product Overview

### Description

The Ultra Compact Security Roller Shutter uses a 25% smaller shutter box housing, compared to any Roller Shutter. The very small box measuring just 165mm up to a height of 2.5m!! Before the Ultra Compact Shutter, the smallest shutter box on a height of 2.5m was 205mm, with Ultra Compact saving 40mm headroom. This can make a big difference when headroom is limited. The Ultra Compact is available with Solid or Perforated lath profiles, which can mixed to provide security and vision. Independently Tested by the LPCB to LPS1175 Security Rating Level 2 - Certified for Installation Internal and Externally. This is a Secured By Design product, which is a Police and Insurance preferred specification.

### Common use

Domestic, Commercial, Retail and Industrial

### Maximum Width *(Depending on Height)*

6000mm

### Maximum Height *(Depending on Width)*

5000mm

### Weight

8kgs m/2

### Standard Finish

White (RAL9016), Anthracite Grey (RAL7016)

### Lead Time

20 working days (subject to change)

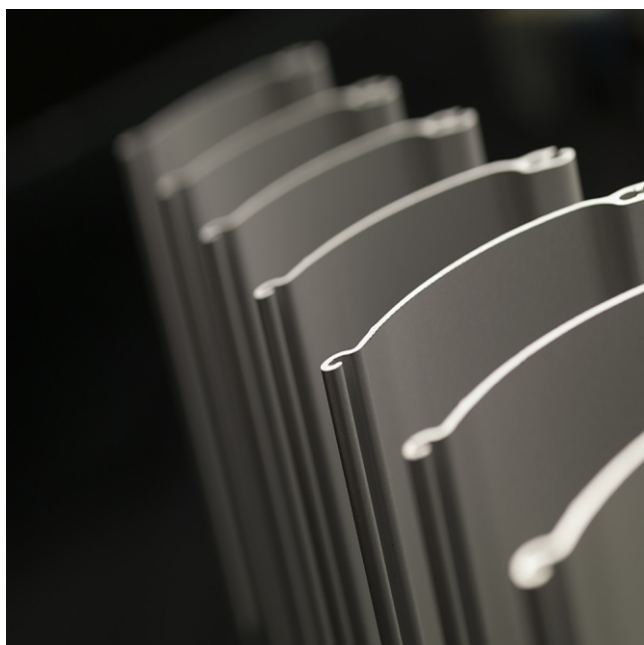


## Specification

### LATH SPECIFICATION

#### Laths

The ultra compact roller shutters use a Single Skin Aluminium Lath, available Solid or Perforated. The subtle differences in lath sizes means it produces a shutter with the tightest nesting available, resulting in the world's smallest shutter box. The 150 mm box size will house a shutter up to 1.7 m tall, whereas the largest compact shutter box is just 205 mm and will house a 3.6 m shutter.



Top slat  
from top  
Profile 1

Profile  
Q2CD #1  
Profile 2-6

Profile  
Q2CD #2  
Profile 7-11

Profile  
Q2CD #3  
Profile 12-16

Profile  
Q2CD #4  
Profile 17-21

Profile  
Q2CD #5  
Profile 22-26

Profile  
Q2CD #6  
Profile 27-31

Profile  
Q2CD #7  
Profile 32-36

Profile  
Q2CD #8  
Profile 37 downwards



# Ultra Compact - Vortex



## Specification

### BOX SPECIFICATION

Roll formed Aluminium in two sections; top and bottom boxes. Bottom Box removable for installation and maintenance and is chamfered at 45°. The shutter box is assembled on steel endplates.

### Box Sizes

Overall Shutter height (including box)

1700 mm - 150 mm box

2500 mm - 165 mm box

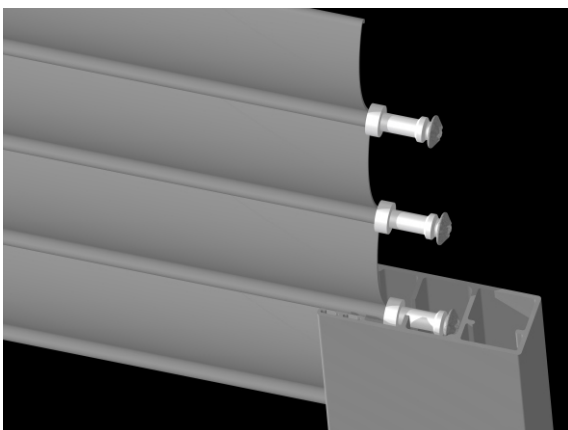
3000 mm - 180mm box

3600 mm - 205 mm box



### GUIDE RAIL SPECIFICATION

Extruded Aluminium Guide Rail with high security wind locks.







## Operation

### OPERATION

For smaller openings you can have Manual Spring and Lock operation.  
For low usage applications we can use a single phase tube motor which is neatly fitted inside the shutter barrel.

For larger openings and higher usage Roller Shutters, we use Single (240V) or 3 Phase (415V) Industrial Motors. These motors are designed for medium to high usage.

Where possible we use the Direct Drive motors that are bolted onto the endplates. The Direct Drive motors are Heavier Duty, more reliable and operate quicker. As standard, all Industrial Motors come with a Chain Override and Internal Push Button Station. They come with a 1 Year Manufacturer's Warranty.

We mainly use GFA motors as they are German made, very reliable and easy to maintain. GFA 3 Phase motors are very Heavy Duty, they allow from 10 to 40 operation per hour and they also operate at a high RPM. As standard the motors come with a Chain Override. We can get a 3 phase motor to suit most requirements, including High Usage and High Speed. All GFA motors come with a 1 Year Manufacturer Warranty.

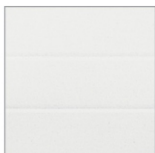
The X902 roller shutters come as standard with a Push Button Station for internal, non secure operation. There is the option of External Key Switch, Keypads, Remote Control, Presence and Motion Detection for Vehicles/Pedestrians.

We also have a large range of Safety Devices for the industrial doors, depending on the application. Options include Safety Edge, Photo Cells, Light Grilles, Trap Sensors and Lazer Sensors.



## Colours

### Standard RAL Options:



Brilliant White  
(RAL 9016)



Anthracite Grey  
(RAL 7016)

In addition to the standard RAL options, any RAL is available at a surcharge.

**Please note:** Each special powder coating request must be checked individually to ensure it is available in the high-quality surface finish.

