

L20 DOORS / SHUTTERS / HATCHES

610 ROLLER SHUTTER

Product reference: GUARDIAN COMMERCIAL RANGE – CR 75 MODEL

Performance: Not applicable

Arrangement: Vertical roller shutter

Accreditation: BS EN 1324

Online Information <http://www.guardiandoors.net/products/roller-shutters/commercial-range-athena/cr-rg-grille/model-overview>

A range of roller grilles designed for industrial and commercial applications. The grilles allow approx 95% air flow through the building whilst giving security to the opening. Each door is custom manufactured to suit most types of structural opening and designed to give a smooth, quiet operation, whilst retaining a neat, self-contained appearance.

Dimensions

Maximum opening sizes – 6000mm clear width x 6000mm clear height.

Weight – 15kg/m².

Standard headroom 350mm

Percentage clear vision – 72%

Curtain

As standard constructed from aluminium 13mm x 1.2mm thick tubes and 3mm thick flat links. The curtain is assembled into a 'brick bond' pattern or inline pattern. Standard spacing of 120mm width x 70mm vertical centres

Bottom Rail

The base of the curtain is fitted with a steel angle reinforcing rail of adequate size forming an inverted 'T'.

Side guides

Formed from cold rolled mild steel channels and secured into the opening by continuous box sections.

Roller assembly

Constructed from mild steel tube.

Endplates

The roller assembly is supported by mild steel endplates with mounting angles.

Roller enclosure (Optional)

Formed from a galvanised pressed metal sheet to enclose the rear of the shutter barrel and curtain assembly.

Operation

Electric operation using an enclosed tube motor to suit the size of the opening, fixed within the barrel. Standard voltage 240v single phase 50Hz or 415v 3 phase 50Hz.

Consult with Guardian Industrial Doors Ltd technical literature for details. Guardian Doors can also provide a design and specification advisory service and it is recommended that they are consulted early in the design process.

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OPTIONS

Controls and operation

Key switch control unit – flush mounted

Key switch control unit – surface mounted

External weatherproof push button

Key lockable push button control

Group control unit for up to 6 shutters simultaneously (**will require additional safety pressure edge.**)

Radio controlled (**will require additional safety pressure edge.**)

Safety Systems

Safety bottom edge

Safety photo cell beam

Security

Ground locks and interlock facility

Bullet lock interlock box

Emergency operation

External manual override for external fitted electric shutters.

External manual override lockable plate to crank hole.

External manual override for internal fitted electric shutters.

Internal manual override for internal fitted electric shutters

Battery backup unit