Armourguard High Ventilation Shutters Model N2M

Technical Specifications

HAG
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Armourguard High Ventilation Shutters Model N2M

Extremely well suited for areas requiring a high degree of ventilation and vision. The Model N2M offers a good level of security and a full curtain will allow for 55% air flow. Choose ‘brick bond’ or ‘in line’ patterns. Galvanised steel standard finish or powder coating. Recommended maximum width 8,000 mm.

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Product Overview

Description

The Armourguard Model N2M high ventilation roller shutters are constructed from 76 mm curved galvanised 20 gauge lath with 75 mm x 45 mm x 12 mm pitch apertures in a choice of “brick bond” or “inline” pattern. A full curtain of Model N2M will provide 55% air flow.

Common use

Kiosk, bars, shop fronts and car parks where vision or ventilation is required

Maximum Width

8000mm

Dimensions

Normally 76 mm x 0.91 mm

Weight

9.21 kg per square metre

Finish

Galvanised bright rolled mild steel, polyester powder coat colours are available.

Shutter Box Specification

Construction

0.91 mm bright spangle galvanised pressed steel coil casing available in various different designs to suit individual circumstances.

Box sizes

Overall height (top of box)
Commercial Industrial
Up to 2050 mm box size 254 mm 355 mm +
Up to 2800 mm box size 305 mm 355 mm +
Up to 3500 mm box size 355 mm 355 mm +
Please note industrial shutters have different size plates/boxes. On widths exceeding 5000mm box size may move up one size due to deflection.

Finish

Galvanised steel standard polyester powder coat colours are available at an additional cost.

Guide Rail Specification

Construction

Standard guide rails: 38 mm x 32 mm x 3 mm – 100 mm x 32 mm x 3 mm dependant on width. Electric shutters require a 50 mm x 50 mm steel box section (both sides) used to allow for motor unit and safety brake. A 76 mm x 50 mm box section will be used for shutters over 160 kg in weight (5000 mm x 3200 mm approximately).

Finish

Galvanised steel standard, polyester powder coat colours are available.

Operational Specification

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Spring Loaded

A counter-balanced spring ensures controlled raising and lowering with a key lock in-built at the bottom of the shutter for security.

Single phase Electric

A tubular motor within the barrel assembly with limit switches and thermal cut out to prevent overheating. Draw 240 volts and 0.5 – 2.5 amps dependant upon the shutter size. Provision of a 13 amp fused spur is required for installation.

Three Phase Electric

Design of this model will alter for three phase operation. Electrical requirements are dependant on usage, further details on request.

Override

A manual override is included to operate the shutter in the event of a power failure. This is usually operable from one side only.

Hand Chain Operation (Industrial)

A counter-balanced helical spring controlled via hand chain and chain lock to secure. Control standard security key switch or rocker switch. Other controls are available on request.

Control

Standard security key switch or rocker switch.
Other controls are available on request.

Product specification may change and it is advisable to consult with HAG technical advisors before specifying or ordering. HAG operates a policy of continuous improvement.