

# Armourguard High Ventilation

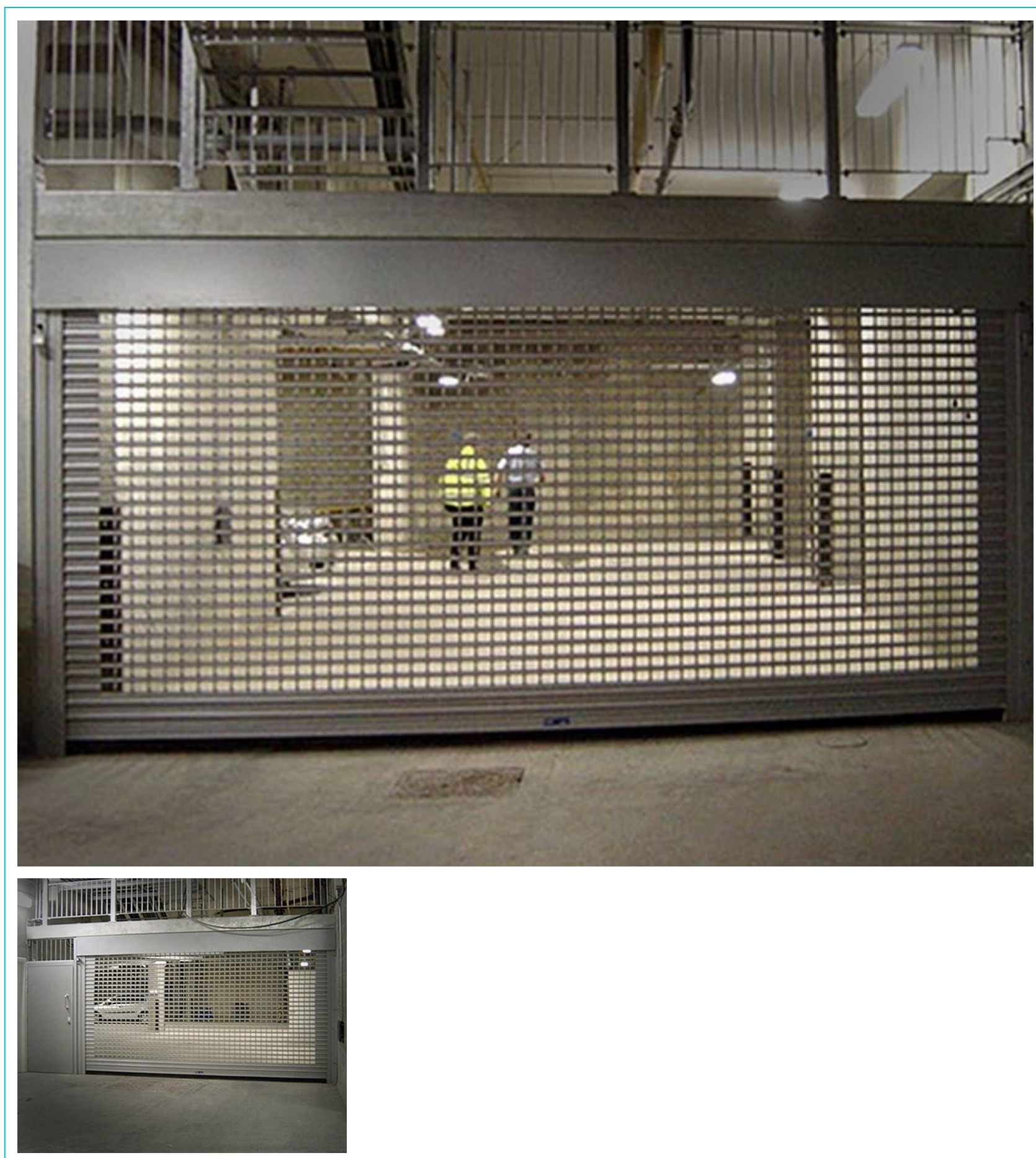
## Shutters Model N2M

Technical Specifications



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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.

## Product Overview

### Description

# Armourguard High Ventilation Shutters Model N2M

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

### 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

# Armourguard High Ventilation Shutters **Model N2M**

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.

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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.

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