

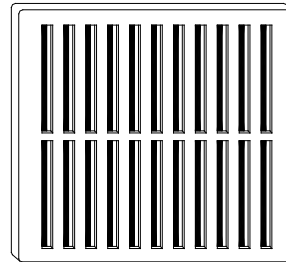
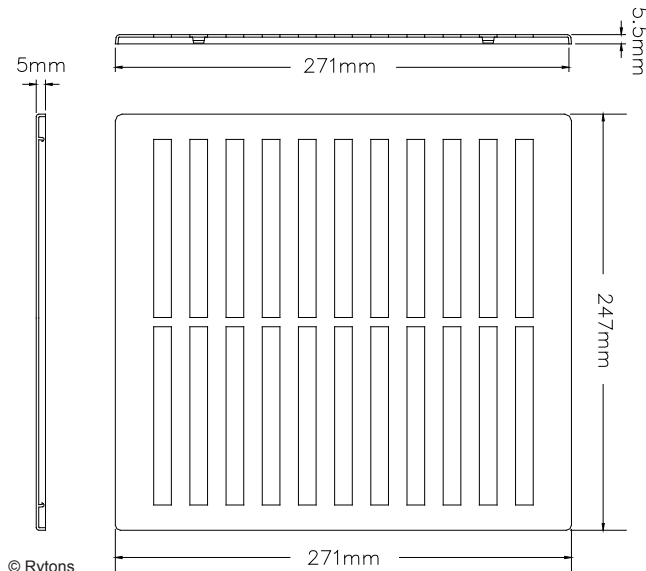
## Technical Data Sheet

### Rytons Hit & Miss Ventilator '9x9'

[www.vents.co.uk](http://www.vents.co.uk) (search codes: HM123F and HMFR123F)

April 2010

#### Dimensional Drawing



#### Approvals and Testing



#### Main Uses, Features and Benefits

- Adjustable background ventilator for rooms.
- Small space and cupboard ventilator.
- Integral flyscreen with concealed fixings.
- Flush face and low profile.
- Compatible with Rytons '9x9' AirLiners®.
- Available in 'VO' (the highest rated) flame-retardant material.
- U.V. stabilised to protect against deterioration by sunlight.



#### Photo Library



#### F30 Accessories/Sundry Items for Brick/Block/Stone Walling

Specification clauses 16, 165

#### U90 General Ventilation - Domestic

Specification Clauses 36, 38, 61, 360, 380, 505

Product Specification Code	Free Area
Rytons HM123F	13000mm <sup>2</sup> (130cm <sup>2</sup> ) per unit
Rytons HMFR123F - Flame Retardant	13000mm <sup>2</sup> (130cm <sup>2</sup> ) per unit

#### Size

271mm (L) x 247mm (H).

AutoCAD drawing available by email.

#### Composition

U.V. stabilised high impact polystyrene.

#### Colours

White.

#### Specification Paragraph

Manufacturer: Rytons Building Products Ltd

T: 01536 511874, F: 01536 310455, E: admin@rytons.com

Visit our website at [www.vents.co.uk](http://www.vents.co.uk)

Product ref:

- Rytons Hit & Miss Ventilator '9x9' (ref HM123F to BBA 94/3071)

- Rytons Flame-Retardant Hit & Miss Ventilator '9x9' (HMFR123F to BBA 94/3071)

Size: 271mm Long x 247mm High



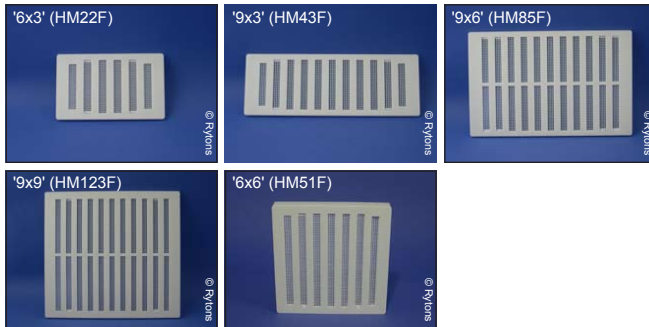
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### Rytons Hit & Miss Ventilator '9x9'

[www.vents.co.uk](http://www.vents.co.uk) (search codes: HM123F and HMFR123F)

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#### Sizes Available in Plastic



Can't find the size, colour or finish you require?  
Talk to Rytons Sales Office about specials.

#### Installation

Pull off flyscreen from front cover. Fasten flyscreen over opening. Align front cover with flyscreen and 'snap' into position.

#### BBA Approval

Rytons has 73 British Board of Agrément approved products; the largest range on the market. BBA certification is third party evaluation and accreditation, and approved products are accepted by building control officers, architects, engineers and surveyors nationwide. The NHBC also accept products approved by the BBA when used as stated in the relevant BBA certificate. Rytons also has an Irish Building Regulation Statement for each of their three BBA certificates.

#### UK Regulations, Standards and Guidelines

The Building Regulations 2000, Approved Document F 2006 edition.  
The Building (Scotland) Regulations 2007, Mandatory Standard 3.14.  
The Building Regulations (Northern Ireland) 2000, Technical Booklet K.  
British Standard BS 5250:2002.

#### Important Note

Hit & Miss Ventilators are not permitted to ventilate heat producing appliances as they may be closed, stopping the air flow.

#### Handling Information

Box quantity: 10 number.  
Box size: 29cm (W) x 26cm (H) x 14cm (D).  
Box weight: 1.4kg.

## Questions

#### What is the benefit of 'VO' rated flame-retardant material and how does it differ from standard plastic?

In the event of a fire flame-retardant grilles will melt (without dropping molten plastic) rather than burst into flames. If the temperature gets so hot there is a flame it would self-extinguish reducing the chances of fire spreading between rooms/buildings etc.

#### Can the vent be painted?

Yes, with an acrylic or enamel based paint. A test area should be carried out first and care must be taken not to block the flyscreen.

#### Is colour matching available?

This product is available to order in non-standard colours, choosing from either a Rytons colour or supplying a RAL number. For further information ask about Rytons colour matching service.

#### Why is the vent larger than 9" x 9"?

The description '9x9' is a nominal size with the vent larger to cover cavity liners and damaged areas.



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