

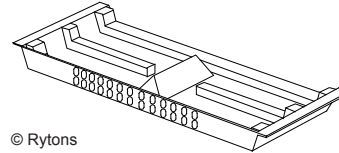
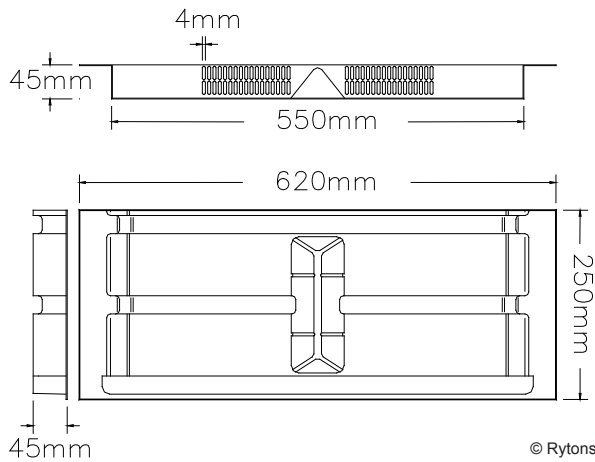
## Technical Data Sheet

### Rytons Flyscreened Roof Ventilator (for 600mm rafter centres)

[www.vents.co.uk](http://www.vents.co.uk) (search code: TV600F)

April 2010

#### Dimensional Drawing



© Rytons

#### Approvals and Testing



Irish Reg. Stat.

#### Main Uses, Features and Benefits

- Roof ventilator for open eaves or exposed rafters.
- Maintains the path of air into the roof void.
- Overlapping flanges ensure secure fixing.
- 4mm ventilation slots promote unrestricted air flow.

#### H60 Plain Roof Tiling

H61 Fibre Cement Slating

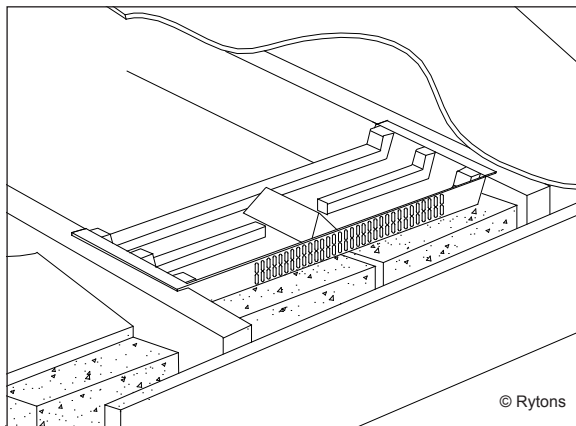
H62 Natural Slating

H65 Single Lap Roof Tiling

Specification Clauses 47, 355

ns5Plus

#### In-Situ Line Drawing



© Rytons

Product Specification Code	Free Area
Rytons TV600F	6000mm <sup>2</sup> per unit (10000mm <sup>2</sup> per metre)
Equivalent to a continuous opening 10mm wide	

#### Size

620mm (L) x 250mm (D) x 45mm (H).

AutoCAD drawing available by email.

#### Composition

Recycled PVC.

#### Colours

Black.

#### Specification Paragraph

Manufacturer: Rytons Building Products Ltd

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

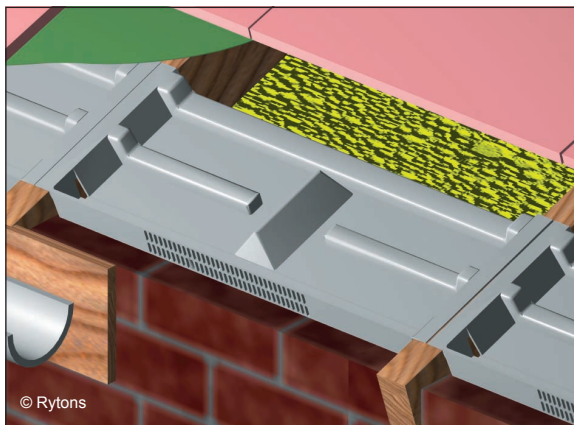
Visit our website at [www.vents.co.uk](http://www.vents.co.uk)

Product ref: Rytons Flyscreened Roof Ventilator for 600mm rafters  
(ref TV600F to BBA 94/3070)

#### Installation

Prior to laying roof felt, spike the flanges of the ventilator to the rafters. Wide, full length flanges facilitate overlapping, easy installation and prevent tearing/splitting. To avoid 'cold bridging' place the insulation beneath the roof ventilator and around the wall plates. Consideration should be given to using Rytons EavesGuard® (EG920) to prevent felt rot.

#### In-Situ Drawing



© Rytons

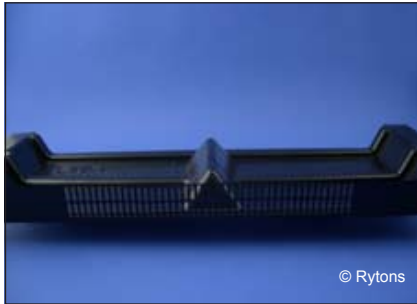
## Technical Data Sheet

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### Photo Library



### On Site



### 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

#### British Standard BS 5250:2002 (amended 23 December 2005)

**8.4.2.2.3.2** The openings should be equivalent in area to a continuous opening of not less than:

- a) 25mm x length at eaves for pitches of 15° or less.
- b) 10mm x length at eaves for pitches of more than 15°.

**8.4.2.2.3.3** Additional ventilation openings, equivalent in area to a continuous opening of 5mm, should be provided at high level in:

- a) roofs where the pitch exceeds 35°.
- b) roofs of any pitch with a span greater than 10m.
- c) lean-to and mono-pitch roofs.

**8.4.2.2.3.4** Ensure that:

- a) all airpaths between the insulation and the underlay, including those provided by proprietary eaves ventilation products, are at least 25mm deep, irrespective of opening size.
- b) ventilation openings are not blocked by insulation material, dust, airborne debris, paint or frost.
- d) entry of birds and large insects is prevented; to achieve that, and to avoid excessive airflow resistance, a normal mesh/grille size of 4mm is recommended.

**The Building Regulations 2000, Approved Document C 2004 edition.**

**The Building (Scotland) Regulations 2007, Mandatory Standard 3.15.**

**The Building Regulations (Northern Ireland) 2000, Technical Booklet C.**

**NHBC Standards 2010, 7.2 Pitched Roofs - S11 (a).**

**Zurich Building Guarantee Solid Foundation Manual.**

A roof will meet the requirements if it is designed and constructed in accordance with Clause 8.4 of BS 5250:2002.

### Handling Information

Box quantity: 50 number.

Box size: 67cm (H) x 27cm (W) x 16cm (D).

Box weight: 4.5kg.

## Questions

### Does the vent have a flymesh?

Rytons Flyscreened Roof Ventilator features 4mm wide ventilation slots, which form a barrier against birds and large insects. The addition of a smaller gauge mesh would dramatically increase the risk of blockage by airborne debris affecting the performance of the vent.

### What can I use if I have different or uneven rafter centres?

Rytons Rafter Roll Ventilator (refer to technical data sheet RRV250) in conjunction with Rytons 10mm T-Strip (refer to technical data sheet TS610), which can be easily cut for uneven rafters.

### What can I use to achieve a ventilation opening equal to 25mm?

Rytons Rafter Roll Ventilator (refer to technical data sheet RRV250) or Roof Ventilator (refer to technical data sheet TV600) in conjunction with Rytons 25mm T-Strip (refer to technical data sheet TS625).

### What can I use for thicker insulation?

Rytons Deep Flyscreened Roof Ventilator is double depth and will effectively hold down thicker insulation, refer to technical data sheet TV600F5D.



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