

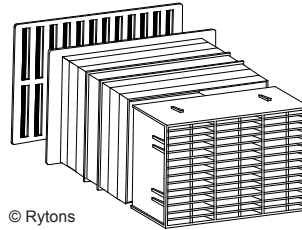
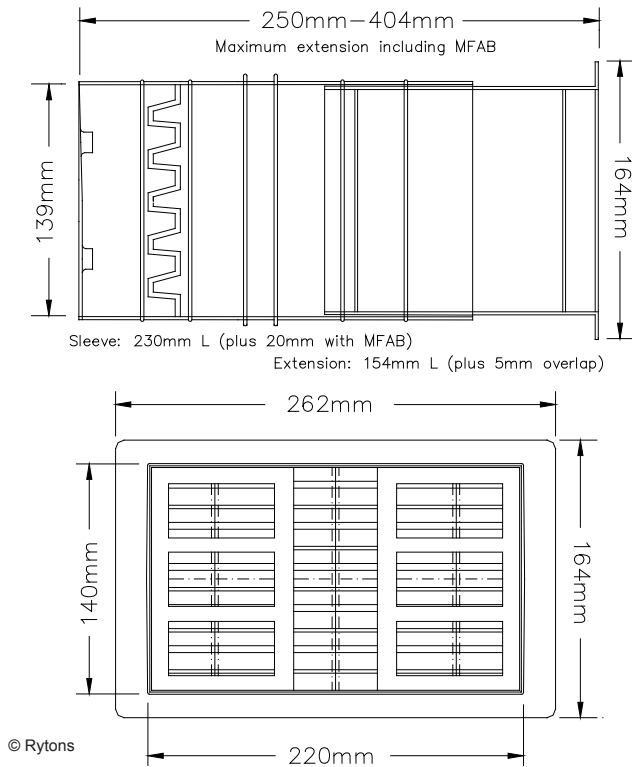
Technical Data Sheet

Rytons '9x6' Ventilation Set with Hit & Miss Ventilator (Light and Draught Reducing)

www.vents.co.uk (search code: TC18HM)

April 2010

Dimensional Drawing (Rytons TCL18000)



© Rytons

Approvals and Testing



Main Uses, Features and Benefits

- Background ventilator for a habitable room.
- Provides over 8000mm² equivalent area.
- Equivalent area calculated by the BRE at 1 Pa to BS EN 13141-1:2004.
- Internal baffles reduce light and draughts.
- Manually controlled internal hit & miss ventilator with flyscreen.
- Set contains Rytons Multifix® Air Brick '9x6', Rytons '9x6' AirLiner® (TCL18000) and Rytons Hit & Miss Ventilator '9x6' (HM85F).
- U.V. stabilised air brick and hit & miss ventilator to protect against deterioration by sunlight.



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

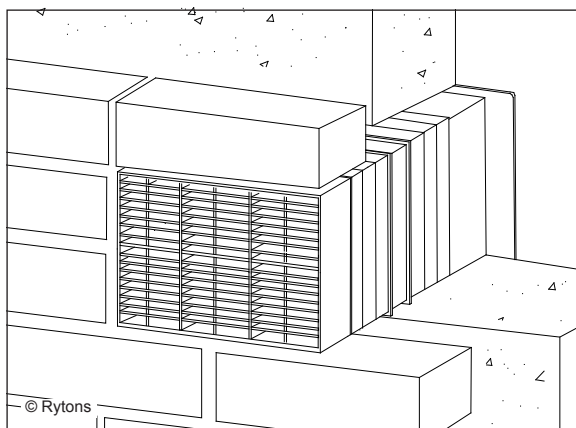
Specification clauses 17, 171

U90 General Ventilation - Domestic

Specification clauses 34, 340

Product Specification Code	Equivalent Area
Rytons TC18HM	8220mm ² (82.2cm ²)

In-Situ Line Drawing



Size

MFAB96 & TCL18000: 220mm (W) x 140mm (H).
Extends from 250mm to 404mm (L) with Rytons Multifix® Air Brick fitted.
HM85F: 271mm (L) x 171mm (H).

Composition

MFAB: U.V. stabilised polypropylene.
TCL18000: Polypropylene. *Contains recycled plastic.*
HM85F: U.V. stabilised high impact polystyrene.

Colours

MFAB96: Buff/sand, terracotta, grey*, black*, white*, brown*, blue/black*.
(* supplied in a double '9x3' brick combination).

TCL18000: Black.

HM85F: White.

Installation

No special fixing required. Build in cavity liner with fitted air brick as work proceeds. Extend telescopic sleeve as necessary. Fasten hit & miss ventilator into the flange of the AirLiner®. Consideration should be given to using Rytons '9x6' Cowl (ABC6) in exposed areas. To avoid discomfort from cold draughts the ventilator should be sited not less than 1.7m above floor level.



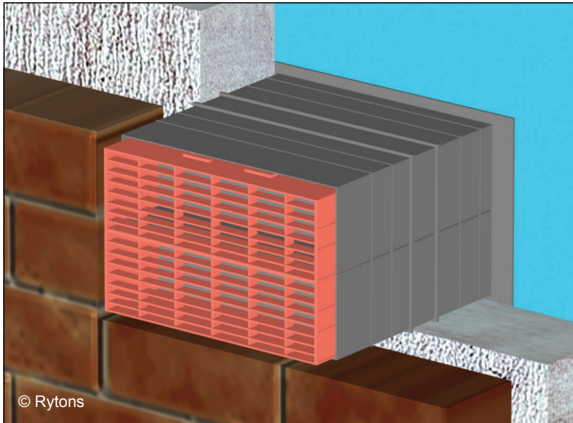
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In-Situ Drawing



Colour Key

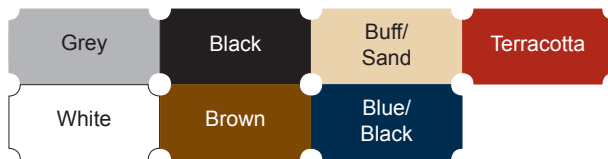
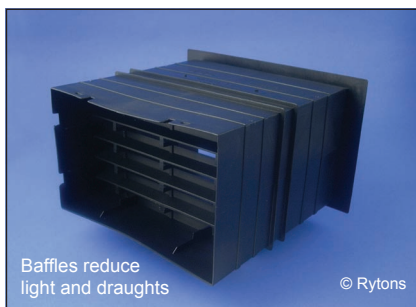


Photo Library



Specification Paragraph

Manufacturer: Rytons Building Products Ltd

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Visit our website at www.vents.co.uk

Product ref:

- Rytons '9x6' Ventilation Set Hit & Miss Ventilator Grey (ref TC18HMGR to BBA 94/3071)
- Rytons '9x6' Ventilation Set Hit & Miss Ventilator Black (ref TC18HMBS to BBA 94/3071)
- Rytons '9x6' Ventilation Set Hit & Miss Ventilator Buff/Sand (ref TC18HMBS to BBA 94/3071)
- Rytons '9x6' Ventilation Set Hit & Miss Ventilator Terracotta (ref TC18HMTC to BBA 94/3071)
- Rytons '9x6' Ventilation Set Hit & Miss Ventilator White (ref TC18HMWH to BBA 94/3071)
- Rytons '9x6' Ventilation Set Hit & Miss Ventilator Brown (ref TC18HMDB to BBA 94/3071)
- Rytons '9x6' Ventilation Set Hit & Miss Ventilator Blue/Black (ref TC18HMDB to BBA 94/3071)

Equivalent area: 8220mm² (BRE tested)

Extra Features and Benefits

Individually boxed sets for easy identification, handling and efficient installation.

Air brick louvres promote unrestricted air flow and reduce the risk of blockage as well as keeping large insects out. Also features built-in water baffles to prevent water penetration.

External AirLiner[®] baffles prevent water transfer across the cavity.

Flush face and slim design of the hit & miss gives a neat internal appearance.

Hit & miss quickly and easily installed and removed for cleaning.

BBA Approval

All components BBA approved. 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.

A bit about the BRE

The Building Research Establishment Ltd is a respected independent testing authority. Since 2006 Rytons has commissioned the BRE to calculate the equivalent free area of their heat producing appliance and background ventilators giving installers, suppliers and homeowners the confidence that the air space is **accurate** and **verifiable**.

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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.

Handling Information

Box quantity: 1 set.
Box size: 27cm (W) x 28cm (H) x 18cm (D).
Box weight: 0.85kg.

Questions

Is a cowled option available for exposed areas?

Yes, refer to technical data sheet TC18HCW.

Is an extension sleeve available?

Yes, refer to technical data sheet TCL96EXT.

Is an acoustic option available?

Yes, refer to technical data sheet TALH&M.



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