



# Rytons Heat Producing Appliance Ventilators

## Contains Approved Document J 2010 Update

Product guides and technical data sheets can be downloaded from our website.

Look out for:

Rytons Cavity Weeps, Slim Vents® and Air Bricks  
Rytons RytDuct® - Flat Channel Ducting  
Rytons RytHose - Flexible Ducting

For more information call **01536 511874**  
or go to:

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



28



12



# Approvals, Choice and Quality

## Fast, Free Delivery

Fast delivery means shorter lead times as orders confirmed before 3pm are dispatched the same day and 99.2%\* arrive the next working day at no extra charge. Free delivery is available on orders of just £50 nett to any address on the UK mainland – including sites. Orders to Northern Ireland and the Republic of Ireland will normally be delivered in 2-3 working days.

\* Consignments sent 16/03/09-20/03/09

## Verifiable Testing and Independent Approvals



Rytons has the largest range of **BBA approved** ventilators on the market. BBA approval is third party evaluation and accreditation, and approved products are accepted by building control, architects, engineers and surveyors, and by the NHBC. It's your assurance that our products meet the Standards and will last – something not offered by all manufacturers.



**HETAS** is the official body for approving solid fuel domestic heating appliances. Rytons ventilators are the only products on the market with HETAS approval and the only ventilators recommended by HETAS to their registered engineers.



**The Building Research Establishment Ltd** is an independent testing authority. BRE Acoustics measurements were conducted using procedures accredited by UKAS.



**Advantica Technologies**, previously known as British Gas Technologies, developed the dynamic test procedure for calculating the equivalent area of a ventilator.

## Can't find the Size, Colour or Finish you Require?

Call 01536 511874 and talk to Rytons Sales Office about colour matching and specials. Most of Rytons external cowls, grilles and all Multifix® Air Bricks are available to order in non-standard colours, choosing from either a standard Rytons colour or supplying a RAL number.

### Standard Colours



Rytons technical specifications are listed on **NBS Plus**, part of the NBS industry standard specification software used by architects, building surveyors and other construction industry professionals. Live NBS Plus data is also available to paste straight into your project specification, free of charge, from [www.vents.co.uk](http://www.vents.co.uk).

## Environmental Policy

Where practicable, and where the product quality can be maintained, Rytons plastic products are made from or incorporate recycled material. Where possible product packaging is made of degradable recycled cardboard and the minimum packaging possible is used. To avoid unnecessarily bulky product literature, information is available in a variety of paper free formats.



Please recycle cardboard packaging, product guides and printouts.



If you are unable to use excess products on another project they may be recycled where facilities exist.

**Rytons Building Products Ltd Design House, Kettering Business Park, Kettering, NN15 6NL**  
T: 01536 511874 F: 01536 310455 E: [admin@rytons.com](mailto:admin@rytons.com) Online: [www.vents.co.uk](http://www.vents.co.uk)

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or information storage or retrieval system, without either the prior permission in writing from the publisher or a licence, permitting restricted copying.

Architects or similar are permitted to reproduce appropriate illustrations on plans and documents only.

All Rytons products are neither hazardous to health nor harmful to the environment when used correctly. Rytons reserve the right to improve specifications from time to time without prior notice. All information is given in good faith and to the best of our knowledge is true and accurate. Since delivery dates, the use of products and control of the labour involved is outside our control, no warranty is given nor should Rytons representatives or agents imply any warranty. Customers should also satisfy themselves that the products are suitable for the intended purpose.

Calls to and from Rytons are recorded to help us maintain and improve our service.

Rytons products are protected under section 213 of the Copyright, Designs and Patents Act 1988. ® Registered Trademark of Rytons Building Products Ltd. All trademarks and trade names used in this brochure are the property of Rytons Building Products Ltd. Copyright © Rytons Building Products Ltd 2010.

Any communication regarding the above should be directed to Rytons Building Products Ltd, Design House, Kettering Business Park, Kettering, NN15 6NL



# Ventilating Heat Producing Appliances ... Don't Take a Chance!

Carbon Monoxide (CO) – you can't taste it, smell it or see it but it is a highly poisonous gas and undetected it can and *has* caused death and lasting health problems. CO forms when a fuel-burning appliance has an insufficient air supply – any fuel (gas, oil, coal, wood) any appliance (boiler, stove, room heater, water heater).

Sufficient and efficient ventilation is paramount to safe combustion. Rytons believe manufacturers have an absolute responsibility for providing accurate and **verifiable** air space calculations for their products. Taking the lead **all** Rytons through-wall appliance ventilators are independently tested by Advantica (previously known as British Gas Technologies and now GL Industrial Services) or the BRE (Building Research Establishment) and have an **equivalent free area** calculation as opposed to just a *free area*, which is simply a physical measurement and found by British Standards to be inaccurate in many instances.

HETAS agrees telling Rytons "It is very important to select the correct vent for the job. This means the actual air that can be provided through the vent in order to meet the requirements of Building Regulations and Standards. Installers should take care to ensure they are using a ventilator with an air provision based on 'Equivalent Area' rather than "Free Area". We are supportive of manufacturers who provide the right information with their products in order to assist our engineers in making the right choices."



Jim Lambeth, Technical Manager for the Solid Fuel Association told Rytons, "What is important to note is the actual air which can be transported through the vent not its physical size. Installers should take care to ensure they note the ventilator's 'Equivalent Area', sometimes also known as 'Effective Free Area', rather than simply 'Free Area' often quoted in sales literature."

Once installed it is essential that the ventilators remain clear, however with energy prices so high there may be a temptation to block the vents to keep the house warm. Rytons internal and external grilles are stamped with DO NOT BLOCK as a reminder to homeowners, and ventilation sets are offered with a wide range of cowls and internal baffle systems to alleviate draughts and keep the atmosphere comfortable.



Rytons aim is to make their ventilators as unobtrusive as possible with sets available in two styles (127mm and 151mm dia. AirCores® for retrofit installations and '9x3', '9x6' and '9x9' AirLiner® Sets for new build) and a choice of external grille to maintain the aesthetic appearance.

Rytons is proud to have 28 through-wall appliance ventilation sets approved by HETAS for use with solid fuel. These are the only products on the market with HETAS approval and the **only** ventilators recommended by HETAS to their registered engineers. Many also have BBA (British Board of Agrément) approval - independent assurances that products perform.

Other preventative steps recommended by the Carbon Monoxide – Be Alarmed! campaign

- Fit an audible alarm
- Have your appliance checked regularly
- Note any signs of change around your appliance
- Learn to recognise the symptoms of CO poisoning



For more information see [www.co-bealarmed.co.uk](http://www.co-bealarmed.co.uk)

Should you have any queries or concerns regarding any of the information contained within this article please do not hesitate to contact Rytons technical team on 01536 511874 or email [admin@rytons.com](mailto:admin@rytons.com).

# Approvals & Testing ... What does it mean?

## British Board of Agrément (BBA)

The main function of the BBA is to evaluate innovative building products and award its Agrément certificates to those that are fit for their intended purpose. Regular manufacturing checks ensure each product is of a consistent quality for assured performance. BBA approved products are accepted by the NHBC, building control officers, architects, engineers and surveyors nationwide.



Recognisable by the BBA logo Rytons is proud to have many ventilators for heat producing appliances BBA approved, with new ranges pending approval in the future.

## HETAS

HETAS is the official body recognised by the government to approve solid fuel domestic heating appliances, fuels and services. Work undertaken by HETAS is varied and wide ranging from promoting and monitoring the safe installation and use of fuels and appliances to influencing legislation, regulations and policies which affect the solid fuel industry.

Rytons is pleased to be the **only** ventilation manufacturer to have ventilators for solid fuel appliances approved by HETAS, each one recognisable by the HETAS approval logo, and be the **only** ventilation manufacturer recommended by HETAS to their registered engineers.



## The Building Research Establishment (BRE)



The BRE is a world class testing authority offering an extensive range of services covering every aspect of the built environment. BRE Acoustics has tested Rytons entire range of acoustic ventilators using procedures accredited by UKAS with resulting test reports freely available online at [www.vents.co.uk](http://www.vents.co.uk). Since 2006 Rytons has also 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 air space is **accurate** and **verifiable**.

## Advantica

Advantica Technologies, previously known as British Gas Technologies and now GL Industrial Services, developed the dynamic test procedure for calculating the equivalent area of a ventilator after it was agreed that the previous system of simple physical measurement was unreliable and inaccurate in anti-draught ventilators due to the aerodynamic characteristics of the baffle systems, and a formal standard was required for manufacturers. Several Rytons ventilators are Advantica tested giving installers, suppliers and homeowners the assurance that the air space is **accurate** and **verifiable**.



Visit our website for: Technical Data Sheets,  
Product Guides, BRE Acoustic Test Reports,  
BBA Certificates and more.

T: +44 (0)1536 511874  
F: +44 (0)1536 310455  
E: [admin@rytons.com](mailto:admin@rytons.com)  
[www.vents.co.uk](http://www.vents.co.uk)

# Quick view guide to Rytons Heat Producing Appliance and Room Ventilators

Rytons Product	Product Code	Equivalent Area	Page
Rytons 125mm AirCore®	AC10	10000mm <sup>2</sup> (100cm <sup>2</sup> )	6
Rytons Cowled 125mm AirCore®	AC10CWL	9300mm <sup>2</sup> (93cm <sup>2</sup> )	6
Rytons 125mm Baffled AirCore®	AC7	7300mm <sup>2</sup> (73cm <sup>2</sup> )	6
Rytons Cowled 125mm Baffled AirCore®	AC7CWL	6390mm <sup>2</sup> (63.9cm <sup>2</sup> )	6
Rytons 125mm High Rise AirCore®	ACH75	5500mm <sup>2</sup> (55cm <sup>2</sup> )	6
Rytons 150mm AirCore®	AC11	11500mm <sup>2</sup> (115cm <sup>2</sup> )	7
Rytons Cowled 150mm AirCore®	AC11CWL	10000mm <sup>2</sup> (100cm <sup>2</sup> )	7
Rytons 150mm Baffled AirCore®	AC9	9140mm <sup>2</sup> (91.4cm <sup>2</sup> )	7
Rytons Cowled 150mm Baffled AirCore®	AC9CWL	8455mm <sup>2</sup> (84.55cm <sup>2</sup> )	7
Rytons '9x3' Ventilation Set with Flush Louvre Ventilator	TCL8	5350mm <sup>2</sup> (53.5cm <sup>2</sup> )	8
Rytons '9x3' Cowled Ventilation Set with Flush Louvre Ventilator	TCL8CWL	5100mm <sup>2</sup> (51cm <sup>2</sup> )	8
Rytons '9x6' Ventilation Set with Flush Louvre Ventilator	TCL18	10700mm <sup>2</sup> (107cm <sup>2</sup> )	8
Rytons '9x6' Cowled Ventilation Set with Flush Louvre Ventilator	TCL18CW	9800mm <sup>2</sup> (98cm <sup>2</sup> )	8
Rytons '9x9' Ventilation Set with Louvre Ventilator	TCL20	16580mm <sup>2</sup> (165.8cm <sup>2</sup> )	8
Rytons '9x9' Cowled Ventilation Set with Louvre Ventilator	TCL20CW	14572mm <sup>2</sup> (145.72cm <sup>2</sup> )	8
Rytons Floor Ventilator with Brass Louvre	FV10BRAS	11000mm <sup>2</sup> (110cm <sup>2</sup> ) *	9
Rytons Floor Ventilator with Chromed Louvre	FV10CHRO	11000mm <sup>2</sup> (110cm <sup>2</sup> ) *	9

Rytons Acoustic Heat Producing Appliance and Room Ventilators can be found on pages 14 and 15

\* Free area measurement

## Solid Fuel Appliances

**Approved Document J, 2010 Air supply for appliances burning solid fuel (including solid biofuel) with a rated output up to 50kW**

**Appliance such as a stove, cooker or boiler, with a flue draught stabiliser:**

- If design air permeability is more than 5.0m<sup>3</sup>/(h.m<sup>2</sup>) provide 300mm<sup>2</sup> per kW for the first 5kW of appliance rated output plus 850mm<sup>2</sup> per kW for the balance of appliance rated output.
- If design air permeability is less than or equal to 5.0m<sup>3</sup>/(h.m<sup>2</sup>) provide 850mm<sup>2</sup> per kW of appliance rated output.

**Appliance such as a stove, cooker or boiler, without a flue draught stabiliser:**

- If design air permeability is more than 5.0m<sup>3</sup>/(h.m<sup>2</sup>) provide 550mm<sup>2</sup> per kW of appliance rated output above 5kW.
- If design air permeability is less than or equal to 5.0m<sup>3</sup>/(h.m<sup>2</sup>) provide 550mm<sup>2</sup> per kW of appliance rated output.

### Open fires

If the open fire were the simple inset type incorporating a throat-forming lintel or gather then the air requirement would be 50% of the cross-sectional area of the throat opening. If the open fire were the freestanding type, which does not incorporate a throat, then the air requirement would be 50% of the cross-sectional area of the flue.

Note: It is unlikely that a dwelling constructed prior to 2008 will have air permeability of less than 5.0m<sup>3</sup>/(h.m<sup>2</sup>) at 50 Pa unless extensive measures have been taken to improve air-tightness. See Appendix F of Approved Document J.

Detailed guidance covering more specifications with examples is given in The Building Regulations, Approved Document J.

## Gas Appliances

**Approved Document J, 2010 Air supply for gas burning appliances with a rated input up to 70kW (net)**

**Open-flued appliance in a room or space:**

- If design air permeability is more than 5.0m<sup>3</sup>/(h.m<sup>2</sup>) provide 500mm<sup>2</sup> per kW Input above 7kW (net).
- If design air permeability is less than or equal to 5.0m<sup>3</sup>/(h.m<sup>2</sup>) provide 500mm<sup>2</sup> per kW Input (net).

For compartment ventilation and other requirements refer to Approved Document J.

**BS 5871-3:2005 Decorative fuel effect gas appliances of heat input not exceeding 20 kW**

Normally appliances covered by this standard will require purpose provided ventilation of 100cm<sup>2</sup> minimum. Manufacturers' instructions will detail exclusions to this standard.

"When is it proposed to use a proprietary ventilator with integral grilles to bridge a cavity wall, the equivalent area of the ventilator should be taken."

Approved Document J, 2010 edition



28



12



# Rytons 125mm Dia. AirCores® for Heat Producing Appliance and Room Ventilation

Rytons Order/Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
Code: AC10 	<b>Rytons 125mm AirCore®</b> Combustion air vent for heat producing appliances. Provides <b>100cm<sup>2</sup></b> equivalent area. Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 127mm Dia. x 358mm L <b>Grilles:</b> 166mm L x 160mm H	10000mm <sup>2</sup> 100cm <sup>2</sup>  U.V. stabilised	<b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH, <b>new</b> Gold & Chrome (see below)	  
Code: AC10CWL 	<b>Rytons Cowled 125mm AirCore®</b> Combustion air vent for heat producing appliances. External cowl reduces light and draughts. Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Cowl/grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 127mm Dia. x 358mm L <b>Cowl:</b> 217mm L x 210mm H x 93mm D	9300mm <sup>2</sup> 93cm <sup>2</sup>  U.V. stabilised	<b>Cowl:</b> WH, B/S, TC <b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH, <b>new</b> Gold & Chrome (see below)	  
Code: AC7 	<b>Rytons 125mm Baffled AirCore®</b> Combustion air vent for heat producing appliances. Internal baffles reduce light and draughts. Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 127mm Dia. x 358mm L <b>Grilles:</b> 166mm L x 160mm H	7300mm <sup>2</sup> 73cm <sup>2</sup>  U.V. stabilised	<b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH, <b>new</b> Gold & Chrome (see below)	  
Code: AC7CWL 	<b>Rytons Cowled 125mm Baffled AirCore®</b> Combustion air vent for heat producing appliances. Cowl and internal baffles reduce light and draughts. Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Cowl/grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 127mm Dia. x 358mm L <b>Cowl:</b> 217mm L x 210mm H x 93mm D	6390mm <sup>2</sup> 63.9cm <sup>2</sup>  U.V. stabilised	<b>Cowl:</b> WH, B/S, TC <b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH, <b>new</b> Gold & Chrome (see below)	  
Code: ACH75 	<b>Rytons 125mm High Rise AirCore®</b> Combustion air vent for heat producing appliances. Fitted from the inside for high level installations. Internal baffles reduce light and draughts. Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 127mm Dia. x 358mm L <b>Int. Grille:</b> 166mm L x 160mm H	5500mm <sup>2</sup> 55cm <sup>2</sup>  U.V. stabilised	<b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH, <b>new</b> Gold & Chrome (see below)	  
Codes: LV110GLD, LV110CHR 	<b>Rytons Deep Profiled Louvre Ventilator '6x6'</b> Plastic louvre grilles with quality gold and chrome effect finishes. Stylish alternative to a white internal grille. Features fixed open louvres for use with Rytons 125mm Dia. combustion air vents. Simple replacement for white internal grille supplied. Embossed with DO NOT BLOCK. For internal use only.	166mm L x 160mm H x 34mm D (inc. louvres)	10600mm <sup>2</sup> 106cm <sup>2</sup>  <b>new</b>	Gold, Chrome	 Irish Reg. Stat.

# Rytons 150mm Dia. AirCores® for Heat Producing Appliance and Room Ventilation

Rytons Order/Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
Code: AC11 	<b>Rytons 150mm AirCore®</b> Combustion air vent for heat producing appliances. Provides <b>115cm<sup>2</sup></b> equivalent area. Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Cowl/grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 151mm Dia. x 358mm L <b>Grilles:</b> 177mm L x 173mm H	11500mm <sup>2</sup> 115cm <sup>2</sup>	<b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH	  
Code: AC11CWL 	<b>Rytons Cowled 150mm AirCore®</b> Combustion air vent for heat producing appliances. Provides <b>100cm<sup>2</sup></b> equivalent area. External cowl reduces light and draughts. Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Cowl/grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 151mm Dia. x 358mm L <b>Cowl:</b> 217mm L x 210mm H x 93mm D	10000mm <sup>2</sup> 100cm <sup>2</sup>	<b>Cowl:</b> WH, B/S, TC <b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH	  
Code: AC9 	<b>Rytons 150mm Baffled AirCore®</b> Combustion air vent for heat producing appliances. Internal baffles reduce light and draughts. Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 151mm Dia. x 358mm L <b>Grilles:</b> 177mm L x 173mm H	9140mm <sup>2</sup> 91.4cm <sup>2</sup>	<b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH	  
Code: AC9CWL 	<b>Rytons Cowled 150mm Baffled AirCore®</b> Combustion air vent for heat producing appliances. Cowl and internal baffles reduce light and draughts. Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Cowl/grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 151mm Dia. x 358mm L <b>Cowl:</b> 217mm L x 210mm H x 93mm D	8455mm <sup>2</sup> 84.55cm <sup>2</sup>	<b>Cowl:</b> WH, B/S, TC <b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH	  





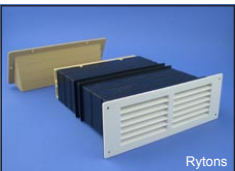



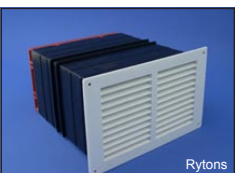



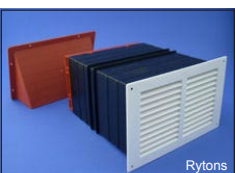



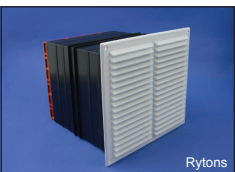


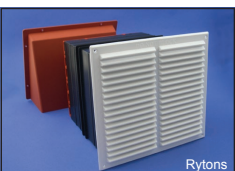


## Don't Take A Chance!

Remember - sufficient and efficient ventilation is paramount to safe combustion. Use only ventilators with a verifiable **equivalent area** calculation.

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

Visit our website for: Technical Data Sheets, Product Guides,  
BRE Acoustic Test Reports, BBA Certificates and more.

# Rytons Ventilation Sets for Heat Producing Appliance and Room Ventilation

Rytons Order/Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
Code: TCL8 	<b>Rytons '9x3' Ventilation Set with Flush Louvre Ventilator</b> Combustion air vent for heat producing appliances. Internal baffle reduces light and draughts. Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Internal vent fixed open flush fitting louvre. Grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-368mm L with air brick <b>Louvre:</b> 270mm L x 97mm H	5350mm <sup>2</sup> 53.5cm <sup>2</sup>	<b>Air Brick:</b> GR, BL, B/S, TC, WH, BR, B/B <b>Louvre:</b> WH	  
Code: TCL8CWL 	<b>Rytons '9x3' Cowed Ventilation Set with Flush Louvre Ventilator</b> Combustion air vent for heat producing appliances. Cowl and internal baffle reduces light and draughts. Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Internal vent fixed open flush fitting louvre. Cowl/grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-368mm L with air brick <b>Cowl:</b> 255mm L x 96mm H x 44mm D	5100mm <sup>2</sup> 51cm <sup>2</sup>	<b>Cowl:</b> B/S, TC <b>Air Brick:</b> B/S, TC <b>Louvre:</b> WH	  
Code: TCL18 	<b>Rytons '9x6' Ventilation Set with Flush Louvre Ventilator</b> Combustion air vent for heat producing appliances. Internal baffles reduce light and draughts. Provides over <b>100cm<sup>2</sup></b> equivalent area. Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Internal vent fixed open flush fitting louvre. Grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-404mm L with air brick <b>Louvre:</b> 264mm L x 166mm H	10700mm <sup>2</sup> 107cm <sup>2</sup>	<b>Air Brick:</b> GR, BL, B/S, TC, WH, BR, B/B <b>Louvre:</b> WH	  
Code: TCL18CW 	<b>Rytons '9x6' Cowed Ventilation Set with Flush Louvre Ventilator</b> Combustion air vent for heat producing appliances. Cowl and internal baffles reduce light and draughts. Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Internal vent fixed open flush fitting louvre. Cowl/grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-404mm L with air brick <b>Cowl:</b> 255mm L x 154mm H x 74mm D	9800mm <sup>2</sup> 98cm <sup>2</sup>	<b>Cowl:</b> WH, B/S, TC <b>Air Brick:</b> WH, B/S, TC <b>Louvre:</b> WH	  
Code: TCL20 	<b>Rytons '9x9' Ventilation Set with Louvre Ventilator</b> Combustion air vent for heat producing appliances. Internal baffles reduce light and draughts. Provides over <b>160cm<sup>2</sup></b> equivalent area. Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Internal vent fixed open louvre. Grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-404mm L with air brick <b>Louvre:</b> 271mm L x 247mm H	16580mm <sup>2</sup> 165.8cm <sup>2</sup>	<b>Air Brick:</b> GR, BL, B/S, TC, WH, BR, B/B <b>Louvre:</b> WH	 
Code: TCL20CW 	<b>Rytons '9x9' Cowed Ventilation Set with Louvre Ventilator</b> Combustion air vent for heat producing appliances. Cowl and internal baffles reduce light and draughts. Provides over <b>140cm<sup>2</sup></b> equivalent area. Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Internal vent fixed open louvre. Cowl/grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-404mm L with air brick <b>Cowl:</b> 274mm L x 235mm H x 103mm D	14572mm <sup>2</sup> 145.72cm <sup>2</sup>	<b>Cowl:</b> WH, B/S, TC <b>Air Brick:</b> WH, B/S, TC <b>Louvre:</b> WH	 

### Colour Key

GR Grey	BL Black	BS Buff/Sand	TC Terracotta	WH White	BR Brown	B/B Blue/Black
------------	-------------	-----------------	------------------	-------------	-------------	-------------------



# Rytons Direct Ventilation Kits, Floor Ventilators, Venting Kit and Intumescent RytBlocks

Rytons Order/Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Code: DVKIT 	<b>Rytons Direct Ventilation Kits</b> Direct ventilation kits for stoves. A simple and unobtrusive alternative to separate through-wall room ventilation. Allows combustion air direct from the outside. Helps prevent heat loss from within the room. Does not introduce light and draughts into the room. A choice of grilles in plastic and stainless steel.	<b>Semi-rigid Aluminium Ducting:</b> 102mm Dia. x 1.5m L 127mm Dia. x 1.5m L 152mm Dia. x 1.5m L		<b>External Grilles:</b> A choice of grilles available in plastic and metal. See technical data sheet for details.	
Code: FV10BRAS 	<b>Rytons Floor Ventilator with Brass Louvre</b> Room ventilator. Utilises air from a ventilated sub-floor void. Mirror polished solid brass louvre. Inverted louvres provide a flush finish. Brass coloured screws included.	267mm L x 95mm H x 125mm D	11000mm <sup>2</sup> 110cm <sup>2</sup>	<b>Louvre:</b> Polished brass <b>Sleeve:</b> BL	 Irish Reg. Stat.
Code: FV10CHRO 	<b>Rytons Floor Ventilator with Chromed Louvre</b> Room ventilator. Utilises air from a ventilated sub-floor void. Chrome plated solid brass louvre. Inverted louvres provide a flush finish. Chrome coloured screws included.	267mm L x 95mm H x 125mm D	11000mm <sup>2</sup> 110cm <sup>2</sup>	<b>Louvre:</b> Chrome <b>Sleeve:</b> BL	 Irish Reg. Stat.
Codes: VKIT1M / VKIT 	<b>Rytons Venting Kit (100mm)</b> Multi-purpose venting kit. Ideal for tumble dryer extraction. External grille embossed DO NOT BLOCK. Flexible ducting available in two lengths. External grille U.V. stabilised against deterioration by sunlight.	<b>Ducting:</b> 100mm Dia. x 1m L 100mm Dia. x 3m L <b>Ext. Grille:</b> 166mm L x 160mm H	<b>new</b>	<b>Ext. Grille:</b> WH, B/S, TC, BL, BR	 U.V. stabilised
Code: ACFIRE 	<b>Rytons 125mm AirCore® Intumescent RytBlock</b> Heavy duty intumescent grille for walls and ducts. Slats fuse together and seal in 2 minutes. Gives 3 hours protection preventing the passage of smoke and gases. Temperature increase insulated for 22 minutes. May be used in high humidity. Compatible with Rytons 125mm AirCores®.	118mm Dia. x 43mm D	5150mm <sup>2</sup> 51.5cm <sup>2</sup>	Steel grey	 Fire retardant
Code: TL8FIRE 	<b>Rytons '9x3' Intumescent RytBlock</b> Heavy duty intumescent grille for walls and ducts. Slats fuse together and seal in 2 minutes. Gives 3 hours protection preventing the passage of smoke and gases. Temperature increase insulated for 22 minutes. May be used in high humidity. Compatible with Rytons '9x3' AirLiners®.	206mm L x 58mm H x 44mm D	5330mm <sup>2</sup> 53.3cm <sup>2</sup>	Steel grey	 Fire retardant
Code: TL16FIRE 	<b>Rytons '9x6' Intumescent RytBlock</b> Heavy duty intumescent grille for walls and ducts. Slats fuse together and seal in 2 minutes. Gives 3 hours protection preventing the passage of smoke and gases. Temperature increase insulated for 22 minutes. May be used in high humidity. Compatible with Rytons '9x6' AirLiners®.	206mm L x 124mm H x 44mm D	13390mm <sup>2</sup> 133.9cm <sup>2</sup>	Steel grey	 Fire retardant



28



12



# Rytons Accessories and AirCore® Components

Rytons Order/Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Code: TCL96EXT 	<b>Rytons '9x6' AirLiner® Extension</b> Horizontal extension for Rytons '9x6' AirLiners®. Easily installed with no extra fixing required. May be cut to length.	1000mm L x 222mm W x 140mm H	Not applicable	BL	
Code: HADAP100 	<b>Rytons Horizontal Adaptor</b> Allows a connection from Rytons Non-Telescopic AirLiner® (TCL8LNR) to 100mm (4") diameter flexible or rigid ducting.	215mm L x 67mm H x 49mm D excl. tube connector x 101mm Dia. spigot	5980mm <sup>2</sup> 59.8cm <sup>2</sup>	BL	
Code: ABC8 	<b>Rytons AirCore® Cowl</b> Surface mounted cover for openings, air bricks, grilles and vents. Protects against excessive weather conditions. Alleviates air blasts through the cavity. Textured roughcast finish. U.V. stabilised against deterioration by sunlight.	217mm L x 210mm H x 93mm D	16000mm <sup>2</sup> 160cm <sup>2</sup>  U.V. stabilised	B/S, TC, WH	
Code: LV110 	<b>Rytons 125mm AirCore® Louvre '6x6'</b> Multi-purpose louvre grille. Fixed open louvres allow high air flow. Compatible with Rytons '6x6' Backplate (APBACK). Embossed with DO NOT BLOCK. For internal and external use. U.V. stabilised against deterioration by sunlight.	166mm L x 160mm H x 34mm D (inc. louvres)	10600mm <sup>2</sup> 106cm <sup>2</sup>  U.V. stabilised	WH, B/S, TC	 Irish Reg. Stat.
Code: LV110GLD / CHR 	<b>Rytons Deep Profiled Louvre Ventilator '6x6'</b> Plastic louvre with quality gold and chrome effect. Stylish alternative to a white internal grille. Features fixed open louvres for use with Rytons 125mm Dia. combustion air vents. Simple replacement for white internal grille supplied. Embossed with DO NOT BLOCK. For internal use only.	166mm L x 160mm H x 34mm D (inc. louvres)	10600mm <sup>2</sup> 106cm <sup>2</sup> <b>new</b>	Gold Chrome	 Irish Reg. Stat.
Code: APBACK 	<b>Rytons '6x6' Louvre Backplate with 122mm Dia. Spigot</b> Backplate with 122mm dia. tube connector. Compatible with Rytons Louvre Ventilators '6x6' (LV110, LV103 and LV74F). Connects to Rytons 125mm AirCore® Tubes (AC10TUBE and AC7TUBE) and suits Rytons 125mm dia. Rythose range.	162mm L x 157mm H x 122mm Dia. male spigot	10900mm <sup>2</sup> 109cm <sup>2</sup>	WH	 Irish Reg. Stat.
Code: LVR75 	<b>Rytons 125mm Round Louvre Ventilator</b> Round louvre grille. Low profile fixed open louvres allow high air flow. Compatible with Rytons 125mm AirCore® Tubes (AC10TUBE and AC7TUBE). For external and internal use. U.V. stabilised against deterioration by sunlight.	124mm Dia. x 43mm D (inc. louvres)	8000mm <sup>2</sup> 80cm <sup>2</sup>  U.V. stabilised	WH, B/S, TC	 Irish Reg. Stat.

Available Bar Coded and Bagged for Display - Code LVR75BG



Visit our website for: Technical Data Sheets, Product Guides, BRE Acoustic Test Reports, BBA Certificates and more.

T: +44 (0)1536 511874  
F: +44 (0)1536 310455  
E: admin@rytons.com  
[www.vents.co.uk](http://www.vents.co.uk)

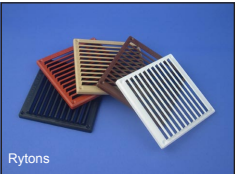


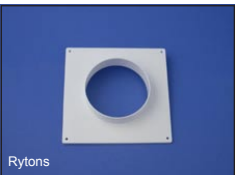


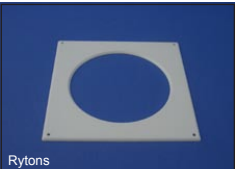
# Rytons AirCore® Components

Rytons Order/Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Code: AC10TUBE 	<b>Rytons 125mm AirCore® Tube</b> Rigid tube. External baffle prevents water transfer across the cavity. Compatible with Rytons '6x6' Backplate (APBACK) to connect to Rytons Louvre Vents '6x6' (LV110). Connects to Rytons Round Louvre Vent (LVR75).	124mm Internal Dia. 127mm External Dia. x 358mm L	11600mm <sup>2</sup> 116cm <sup>2</sup>	BL	 BBA BRITISH BOARD OF AGREEMENT CERTIFICATE No. 94/3071 Irish Reg. Stat.
Code: AC7TUBE 	<b>Rytons 125mm Baffled AirCore® Tube</b> Rigid tube containing light and draught reducing baffles. External baffle prevents water transfer across the cavity. Compatible with Rytons '6x6' Backplate (APBACK) to connect to Rytons Louvre Vents '6x6' (LV110). Connects to Rytons Round Louvre Vent (LVR75).	124mm Internal Dia. 127mm External Dia. x 358mm L	10300mm <sup>2</sup> 103cm <sup>2</sup>	BL	 BBA BRITISH BOARD OF AGREEMENT CERTIFICATE No. 94/3071 Irish Reg. Stat.
Code: ACCONNECT 	<b>Rytons 125mm AirCore® Tube Connector</b> Connects Rytons 125mm AirCore® Tubes (AC10TUBE and AC7TUBE) together. Push fit connection.	122mm Dia.	10900mm <sup>2</sup> 109cm <sup>2</sup>	WH	
Code: LV120 	<b>Rytons 150mm AirCore® Louvre '7x7'</b> Multi-purpose louvre grille. Fixed open louvres allow high air flow. Compatible with Rytons '7x7' Backplate (LVBACK150). Embossed with DO NOT BLOCK. For internal and external use. U.V. stabilised against deterioration by sunlight.	177mm L x 173mm H x 34mm D (inc. louvres)	11995mm <sup>2</sup> 119.95cm <sup>2</sup>	WH, B/S, TC	 U.V. stabilised
Code: LVBACK150 	<b>Rytons '7x7' Louvre Backplate with 144mm Dia. Spigot</b> Backplate with 144mm dia. tube connector. Compatible with Rytons Louvre Ventilator '7x7' (LV120). Connects to Rytons 150mm AirCore® Tubes (AC11TUBE and AC9TUBE) and suits Rytons 150mm dia. RythHose range.	173mm L x 169mm H x 144mm Dia. male spigot	15300mm <sup>2</sup> 153cm <sup>2</sup>	WH	
Code: AC11TUBE 	<b>Rytons 150mm AirCore® Tube</b> Rigid tube. External baffle prevents water transfer across the cavity. Compatible with Rytons '7x7' Backplate (LVBACK150) to connect to Rytons Louvre Vent '7x7' (LV120).	145mm Internal Dia. 151mm External Dia. x 358mm L	16500mm <sup>2</sup> 165cm <sup>2</sup>	BL	
Code: AC9TUBE 	<b>Rytons 150mm Baffled AirCore® Tube</b> Rigid tube containing light and draught reducing baffles. External baffle prevents water transfer across the cavity. Compatible with Rytons '7x7' Backplate (LVBACK150) to connect to Rytons Louvre Vent '7x7' (LV120).	145mm Internal Dia. 151mm External Dia. x 358mm L	13100mm <sup>2</sup> 131cm <sup>2</sup>	BL	

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

Visit our website for: Technical Data Sheets, Product Guides,  
BRE Acoustic Test Reports, BBA Certificates and more.

# Rytons Venting Kit Components

Rytons Order/Specification Code	Main Uses, Features and Benefits	Size	Free Area	Colours	Approvals & Testing
Code: LV103 	<b>Rytons Louvre Ventilator '6x6'</b> Multi-purpose louvre grille. Fixed open louvres allow high air flow. Compatible with Rytons '6x6' Backplates (LVBACK and APBACK). Embossed with DO NOT BLOCK. For internal and external use. U.V. stabilised against deterioration by sunlight.	160mm L x 166mm H	10360mm <sup>2</sup> 103.6cm <sup>2</sup>  U.V. stabilised	WH, B/S, TC, BL, BR	 Irish Reg. Stat.
Code: LVBACKWH 	<b>Rytons Venting Kit Backplate with 97mm Dia. Spigot</b> Backplate with 97mm dia. tube connector. Compatible with Rytons Louvre Ventilators '6x6' (LV103, LV74F and LV110). Connects to Rytons Rigid Pipe (RD4/RND) and suits Rytons 100mm dia. RytHose range (or use Female Hose Connector RD4HCF).	163mm L x 159mm H x 97mm Dia. male spigot	7300mm <sup>2</sup> 73cm <sup>2</sup>	WH	
Code: RDLVBG 	<b>Rytons '6x6' Louvre &amp; 97mm Dia. Backplate</b> Low profile fixed open louvre grille with 97mm dia. spigot for rigid pipe and flexible ducting. Connects to Rytons Rigid Pipe (RD4/RND) and suits Rytons 100mm dia. RytHose range (or use Female Hose Connector RD4HCF). U.V. stabilised against deterioration by sunlight.	166mm L x 160mm H x 97mm Dia. male spigot	7300mm <sup>2</sup> 73cm <sup>2</sup>  U.V. stabilised	WH, B/S, TC, BL, BR WH backplate	
Code: INTPLATE 	<b>Rytons Internal Plate</b> Plate to make good internal surface. Covers damage caused by drilling. Aperture accommodates any 100mm dia. ducting.	162mm L x 158mm H with 113mm Dia. aperture	10000mm <sup>2</sup> 100cm <sup>2</sup>	WH	

Available Bar Coded and Bagged for Display - Code LV103BG

Bar Coded and Bagged for Display

Available Bar Coded and Bagged for Display - Code INTPLABG

## Can't find the size, colour or finish you require?

Call 01536 511874 and talk to Rytons Sales Office about colour matching and specials.

### Colour Key



## Quick view guide to Rytons Acoustic Ventilators for Heat Producing Appliance and Room Ventilation

Rytons Product	Product Code	D n,e,w	Equivalent Area	Page
Rytons 125mm Acoustic AirCore®	AAC5	<b>39 dB</b>	3970mm <sup>2</sup>	14
Rytons Cowled 125mm Acoustic AirCore®	AAC5CWL	<b>40 dB</b>	3940mm <sup>2</sup>	14
Rytons 125mm Acoustic High Rise AirCore®	AAH5	<b>41 dB</b>	3880mm <sup>2</sup>	14
Rytons 150mm Acoustic AirCore®	AAC625	<b>36 dB</b>	7906mm <sup>2</sup>	14
Rytons Cowled 150mm Acoustic AirCore®	AAC625CW	<b>38 dB</b>	7511mm <sup>2</sup>	14
Rytons 150mm Acoustic AirCore®	AAC635	<b>41 dB</b>	5412mm <sup>2</sup>	14
Rytons Cowled 150mm Acoustic AirCore®	AAC635CW	<b>42 dB</b>	5248mm <sup>2</sup>	14
Rytons '9x3' Acoustic AirLiner® Set with Flush Louvre Ventilator	TAL4SET	<b>38 dB</b>	2590mm <sup>2</sup>	15
Rytons '9x3' Cowled Acoustic AirLiner® Set with Flush Louvre Ventilator	TAL4CWL	<b>39 dB</b>	2580mm <sup>2</sup>	15
Rytons '9x6' Acoustic AirLiner® Set with Flush Louvre Ventilator	TALSET	<b>39 dB</b>	3965mm <sup>2</sup>	15
Rytons '9x6' Cowled Acoustic AirLiner® Set with Flush Louvre Ventilator	TALCWL	<b>42 dB</b>	4033mm <sup>2</sup>	15
Rytons '9x9' Acoustic AirLiner® Set with Louvre Ventilator	TAL9SET	<b>38 dB</b>	7171mm <sup>2</sup>	15
Rytons '9x9' Cowled Acoustic AirLiner® Set with Louvre Ventilator	TAL9CWL	<b>40 dB</b>	6954mm <sup>2</sup>	15

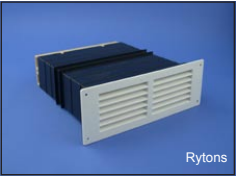

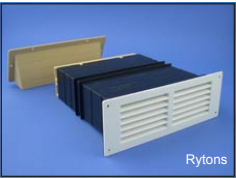

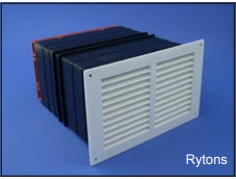


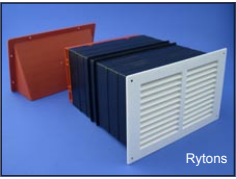


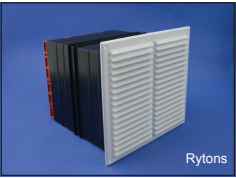


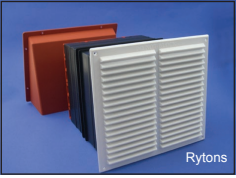


Product Code	D n,e,w (dB)	Converted Octave Band Value (dB)						
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
AAC5	39	34.5	42.9	35	32.7	46.5	59.5	64.7
AAC5CWL	40	34.5	41.8	32.9	33.6	51.6	63.8	68.1
AAH5	41	-	43.8	40.2	35.9	42.1	63.9	62.9
AAC625	36	33.4	40.9	32.8	29.9	45.8	52.3	57.9
AAC625CW	38	33.6	40.3	29.9	32	52.6	57.8	61.9
AAC635	41	33.8	41.8	35.1	34.8	51.9	60.5	63.9
AAC635CW	42	33.6	41.1	32.6	38.6	56.3	65.4	68.7
TAL4SET	38	35.1	43	42.3	35.8	37.7	40.2	45.1
TAL4CWL	39	35	43.2	42.8	37.1	37.8	40.9	49
TALSET	39	35.8	38.3	35.2	34.4	41.2	48.8	53.8
TALCWL	42	36.2	38.9	35.7	36.2	43.7	51.7	57.8
TAL9SET	38	35	37.4	31	33.8	39.5	46.2	52.3
TAL9CWL	40	34.6	38.2	31.7	33.9	43.3	51.6	56.6

All figures are reproduced in good faith and to the best of our knowledge are true and accurate. Customers should satisfy themselves that the products are suitable for the intended purpose by using this information in conjunction with Rytons Technical Data Sheets and BRE Acoustic Test Reports available from [www.vents.co.uk](http://www.vents.co.uk).

# Rytons 125mm Dia. and 150mm Dia. Acoustic AirCores® for Heat Producing Appliance and Room Ventilation

Rytons Order/Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
Code: AAC5 	<b>Rytons 125mm Acoustic AirCore® (39 dB)</b> Combustion air vent for heat producing appliances. Acoustic lining reduces sound to <b>39 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 127mm Dia. x 358mm L <b>Grilles:</b> 166mm L x 160mm H	3970mm <sup>2</sup> 39.7cm <sup>2</sup>  U.V. stabilised	<b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH, <b>new</b> Gold & Chrome (see pg 10)	 BRE Tested Advantica Tested
Code: AAC5CWL 	<b>Rytons Cowed 125mm Acoustic AirCore® (40 dB)</b> External cowl reduces light and draughts. Acoustic lining reduces sound to <b>40 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Cowl/grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 127mm Dia. x 358mm L <b>Cowl:</b> 217mm L x 210mm H x 93mm D	3940mm <sup>2</sup> 39.4cm <sup>2</sup>  U.V. stabilised	<b>Cowl:</b> WH, B/S, TC <b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH, <b>new</b> Gold & Chrome (see pg 10)	 BRE Tested Advantica Tested
Code: AAH5 	<b>Rytons 125mm Acoustic High Rise AirCore® (41 dB)</b> Fitted from the inside for high level installations. Acoustic lining reduces sound to <b>41 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 127mm Dia. x 358mm L <b>Int. Grille:</b> 166mm L x 160mm H	3880mm <sup>2</sup> 38.8cm <sup>2</sup>  U.V. stabilised	<b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH, <b>new</b> Gold & Chrome (see pg 10)	 BRE Tested Advantica Tested
Code: AAC625 	<b>Rytons 150mm Acoustic AirCore® (36 dB)</b> Combustion air vent for heat producing appliances. Acoustic lining reduces sound to <b>36 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 151mm Dia. x 358mm L <b>Grilles:</b> 177mm L x 173mm H	7906mm <sup>2</sup> 79.06cm <sup>2</sup>  U.V. stabilised	<b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH	
Code: AAC625CW 	<b>Rytons Cowed 150mm Acoustic AirCore® (38 dB)</b> External cowl reduces light and draughts. Acoustic lining reduces sound to <b>38 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Cowl/grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 151mm Dia. x 358mm L <b>Cowl:</b> 217mm L x 210mm H x 93mm D	7511mm <sup>2</sup> 75.11cm <sup>2</sup>  U.V. stabilised	<b>Cowl:</b> WH, B/S, TC <b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH	
Code: AAC635 	<b>Rytons 150mm Acoustic AirCore® (41 dB)</b> Combustion air vent for heat producing appliances. Acoustic lining reduces sound to <b>41 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 151mm Dia. x 358mm L <b>Grilles:</b> 177mm L x 173mm H	5412mm <sup>2</sup> 54.12cm <sup>2</sup>  U.V. stabilised	<b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH	
Code: AAC635CW 	<b>Rytons Cowed 150mm Acoustic AirCore® (42 dB)</b> External cowl reduces light and draughts. Acoustic lining reduces sound to <b>42 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Core drilled - suitable for retrofit installations. Cowl/grilles U.V. stabilised to protect against fading.	<b>Tube:</b> 151mm Dia. x 358mm L <b>Cowl:</b> 217mm L x 210mm H x 93mm D	5248mm <sup>2</sup> 52.48cm <sup>2</sup>  U.V. stabilised	<b>Cowl:</b> WH, B/S, TC <b>Ext. Grille:</b> WH, B/S, TC <b>Int. Grille:</b> WH	

# Rytons Acoustic AirLiner® Sets for Heat Producing Appliance and Room Ventilation

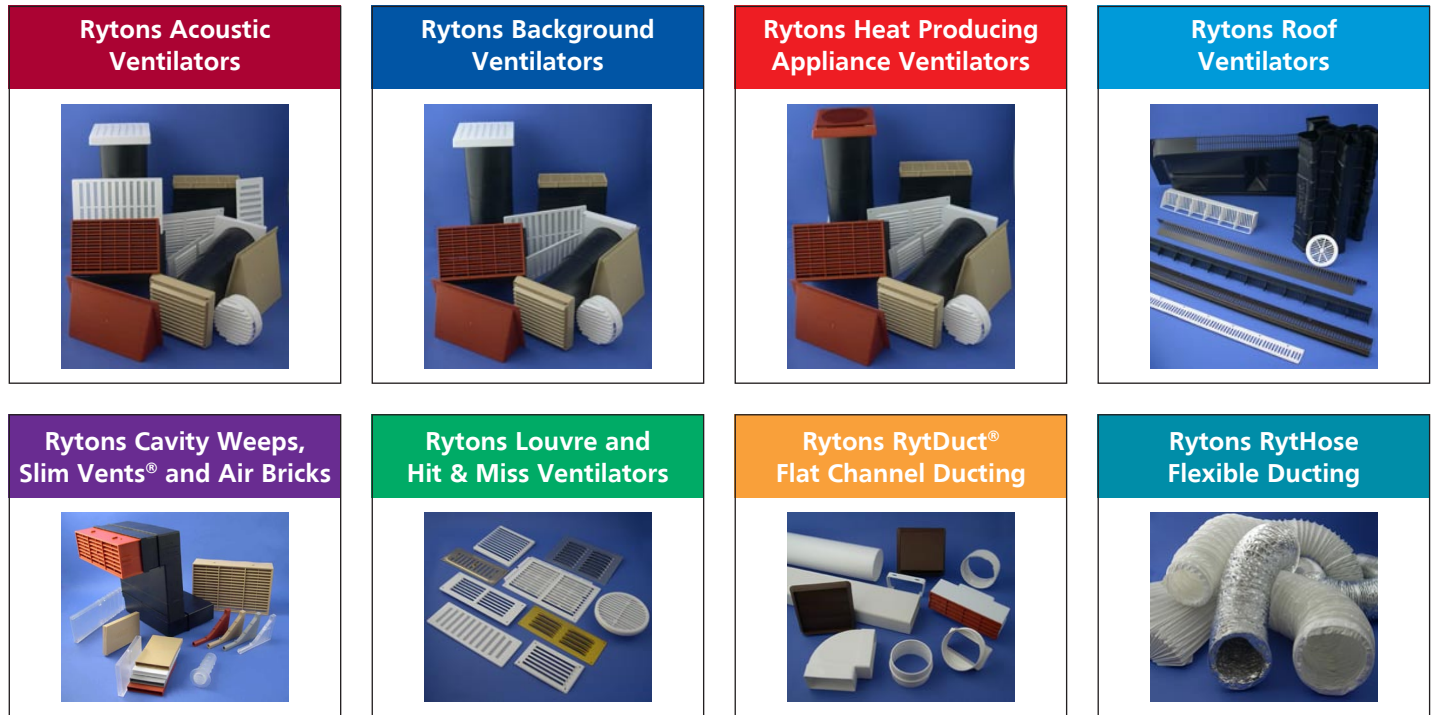
Rytons Order/Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
Code: TAL4SET 	<b>Rytons '9x3' Acoustic AirLiner® Set with Flush Louvre Ventilator (38 dB)</b> Combustion air vent for heat producing appliances. Acoustic panels reduce sound to <b>38 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Internal baffle reduces light and draughts. Internal vent fixed open flush fitting louvre. Grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-368mm L with air brick <b>Louvre:</b> 270mm L x 97mm H	2590mm <sup>2</sup> 25.9cm <sup>2</sup>	<b>Air Brick:</b> GR, BL, B/S, TC, WH, BR, B/B <b>Louvre:</b> WH	 BRE Tested Advantica Tested
Code: TAL4CWL 	<b>Rytons '9x3' Cowled Acoustic AirLiner® Set with Flush Louvre Ventilator (39 dB)</b> Combustion air vent for heat producing appliances. Acoustic panels reduce sound to <b>39 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by Advantica. HETAS approved for use with solid fuel appliances. Cowl and internal baffle reduces light and draughts. Internal vent fixed open flush fitting louvre. Cowl/grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-368mm L with air brick <b>Cowl:</b> 255mm L x 96mm H x 44mm D	2580mm <sup>2</sup> 25.8cm <sup>2</sup>	<b>Cowl:</b> B/S, TC <b>Air Brick:</b> B/S, TC <b>Louvre:</b> WH	 BRE Tested Advantica Tested
Code: TALSET 	<b>Rytons '9x6' Acoustic AirLiner® Set with Flush Louvre Ventilator (39 dB)</b> Combustion air vent for heat producing appliances. Acoustic panels reduce sound to <b>39 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Internal baffles reduce light and draughts. Internal vent fixed open flush fitting louvre. Grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-404mm L with air brick <b>Louvre:</b> 264mm L x 166mm H	3965mm <sup>2</sup> 39.65cm <sup>2</sup>	<b>Air Brick:</b> GR, BL, B/S, TC, WH, BR, B/B <b>Louvre:</b> WH	 
Code: TALCWL 	<b>Rytons '9x6' Cowled Acoustic AirLiner® Set with Flush Louvre Ventilator (42 dB)</b> Combustion air vent for heat producing appliances. Acoustic panels reduce sound to <b>42 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Cowl and internal baffles reduce light and draughts. Internal vent fixed open flush fitting louvre. Cowl/grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-404mm L with air brick <b>Cowl:</b> 255mm L x 154mm H x 74mm D	4033mm <sup>2</sup> 40.33cm <sup>2</sup>	<b>Cowl:</b> WH, B/S, TC <b>Air Brick:</b> WH, B/S, TC <b>Louvre:</b> WH	 
Code: TAL9SET 	<b>Rytons '9x9' Acoustic AirLiner® Set with Louvre Ventilator (38 dB)</b> Combustion air vent for heat producing appliances. Acoustic panels reduce sound to <b>38 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Internal baffles reduce light and draughts. Internal vent fixed open louvre. Grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-404mm L with air brick <b>Louvre:</b> 271mm L x 247mm H	7171mm <sup>2</sup> 71.71cm <sup>2</sup>	<b>Air Brick:</b> GR, BL, B/S, TC, WH, BR, B/B <b>Louvre:</b> WH	 
Code: TAL9CWL 	<b>Rytons '9x9' Cowled Acoustic AirLiner® Set with Louvre Ventilator (40 dB)</b> Combustion air vent for heat producing appliances. Acoustic panels reduce sound to <b>40 dB D<sub>n,e,w</sub></b> (BRE). Verifiable equivalent area calculation by the BRE. HETAS approved for use with solid fuel appliances. Cowl and internal baffles reduce light and draughts. Internal vent fixed open louvre. Cowl/grilles U.V. stabilised to protect against fading.	<b>Extends from</b> 250-404mm L with air brick <b>Cowl:</b> 274mm L x 235mm H x 103mm D	6954mm <sup>2</sup> 69.54cm <sup>2</sup>	<b>Cowl:</b> WH, B/S, TC <b>Air Brick:</b> WH, B/S, TC <b>Louvre:</b> WH	 

### Colour Key

GR Grey	BL Black	BS Buff/Sand	TC Terracotta	WH White	BR Brown	B/B Blue/Black
------------	-------------	-----------------	------------------	-------------	-------------	-------------------

# Rytons Product Guides, Technical Data Sheets and AutoCAD Drawings

Rytons Product Guides are available to download free of charge from [www.vents.co.uk/productguides.htm](http://www.vents.co.uk/productguides.htm)



**Technical Data Sheets** are available by email, fax or post, simply contact Rytons sales office on 01536 511874 or email [lit@rytons.com](mailto:lit@rytons.com) with your request. You can also view, download and print out copies free of charge from [www.vents.co.uk](http://www.vents.co.uk).

**AutoCAD drawings** are available for nearly every Rytons product by email, fax or post, simply contact us on 01536 511874 or email [lit@rytons.com](mailto:lit@rytons.com) with your request.

## Literature Request Form

Fax back your literature request to **01536 310455** or mail it to us at the address at the bottom of the page.

To enable us to process your request for information please complete **all** sections.

Please send me \_\_\_\_\_ **free** copies of Rytons pocket-size Product Guide

Name: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Position: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Company: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_

Web Site: \_\_\_\_\_

\_\_\_\_\_

Main Company Activity: \_\_\_\_\_

\_\_\_\_\_

Number of Employees: \_\_\_\_\_

\_\_\_\_\_

Whose ventilation products do you currently specify/use?  
\_\_\_\_\_

Postcode: \_\_\_\_\_

In line with our environmental policy of reducing printed matter, from time to time we would like to fax or email you with details of new product developments and special promotions. To continue to receive Rytons latest updates as soon as they happen, please tick here



### Rytons Building Products Ltd

Design House, Kettering Business Park, Kettering, Northants. NN15 6NL  
**T:** +44 (0)1536 511874 **F:** +44 (0)1536 310455 **E:** [admin@rytons.com](mailto:admin@rytons.com)

