

Acoustic Air Vent Information

Delivery

There is a choice of our standard delivery that takes a few days or for a faster service we can supply on a Next Day service for all orders confirmed before noon dispatched the same day. Orders to Northern Ireland and the Republic of Ireland are normally delivered in 2-3 working days.

Happy to Help

Please feel free to email us at sales@soundservice.co.uk with your quotes, questions or queries. Our offices are open 8:30am – 5:30pm weekdays and we are here to help.

Colour Matching Service

We are able to manufacture many of our ventilators in alternative colours. You can choose from our standard colour palette or provide us a RAL number. For further information contact our sales office on **01993 704981**

Environmental Policy

Where practicable, and where the product quality can be maintained, our 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 excessive product literature, information is available in a variety of paper free formats. Further information is available at:

www.soundservice.co.uk

Verifiable Testing and Independent Approvals

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. Our acoustic 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.



NBS Plus

The product 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.

Key



Flame retardant



Fire retardant



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.

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

All Acoustic Vents are neither hazardous to health nor harmful to the environment when used correctly. Sound Service (Oxford) Ltd. 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 our representatives or agents imply any warranty. Customers should also satisfy themselves that the products are suitable for the intended purpose.

NEW Super Acoustic Vents

Helping you achieve a quiet life

You may have already taken measures to reduce noise coming into your home, music studio or workshop but ventilation is still a problem.

Road traffic noise, rail noise, noisy neighbours, built-up areas and noise from commercial operations can all be a problem that you do not want to hear. Now you can relax because we offer a range of acoustic vents that will give an average acoustic value of 40dB

Numerous studies show that living or working with excess noise can be extremely stressful and can have a damaging effect on health.

To dramatically reduce noise transfer through wall fitted ventilators, we are now able to offer an improved new range of Super Acoustic Look air vents which provide exceptional air flows with the best sound proofing possible.

The new Super Acoustic range combines the revolutionary design of our Acoustic Vents with advancements in sound absorbing foam technology for a range of retro-fitted core ventilators that are the latest in style and performance.

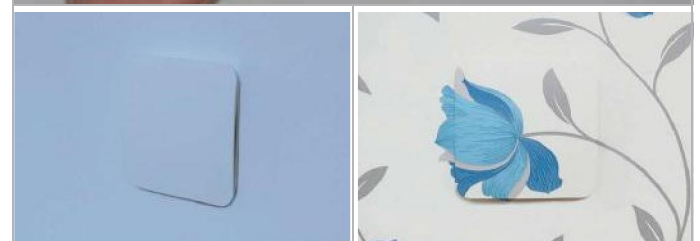
The 125mm Acoustic Vents are now supplied with a new Super Acoustic Background Cover. With amazing soundproofing up to 50 dB ($D_{n,e,w}$), these controllable background room ventilators allow fresh air to dilute odours and prevent condensation whilst minimising the transfer of outside noise.

Permanent ventilation need not mean permanent noise with this new Super Acoustic Boiler, Stove and Fire Ventilators. Quiet and efficient, these ventilators have impressive equivalent areas, reduce noise transfer by up to 45 dB ($D_{n,e,w}$) and are also HETAS approved for use with solid fuel appliances.



Multi-directional air flow allows air to disperse evenly into the room.

Our new Super Acoustic Vents feature unique new face panels. Angled openings around the rear of the face plate reduce draughts by allowing multi-directional air flow to disperse evenly into the room. The face plate is suitable for wallpapering or painting any colour allowing the panel to co-ordinate with the room décor for a discreet appearance.



Reduce Noise, Reduce Stress

Find out more

See pages 6 and 11 or visit www.soundservice.co.uk

Choosing the Right Acoustic Vent - Our Top Tips

Acoustics is an extremely technical field and sourcing suitable ventilators to meet an acoustic report can be a challenge if you're not an acoustician.

Here are our top tips for choosing the right acoustic vent:-

No 1

If you are looking at products of a similar type from different manufacturers always compare like-for-like results e.g. $D_{n,e,w}$ figure versus $D_{n,e,w}$ figure, individual frequency versus individual frequency etc. **This is the only way to make sure your comparisons are accurate.**

No 2

Don't be fooled by high dB ratings in some manufacturers' literature. As there is no industry standard for presenting acoustic test results, high "dB ratings" quoted may simply be the highest result achieved at an individual frequency. This may bear no relation to your circumstances or to the type of noise you are aiming to reduce.

No 3

If a manufacturer does not make it clear what the published dB result is ($D_{n,e,w}$ or individual frequency) ask for the full acoustic test report – it should be readily available.

No 4

If you're unsure about noise frequencies look at the $D_{n,e,w}$ figure. This is how vents should be classified for acoustic performance - taking into account every frequency.

No 5

Don't forget about equivalent area (air flow). Acoustic ventilation is often a juggling act between great sound reduction and sufficient ventilation. A highly sound proofed vent may give little equivalent area meaning you would need to install more to achieve ventilation requirements. This could reduce the acoustic performance.

No 6

Obviously, your choice of ventilator should be based on its performance but don't forget that its appearance will be important to the occupier. Match the external fittings to the colour of the building and choose a discreet internal grille or panel.

Acoustic Ventilators

All our acoustic ventilators are measured in accordance with BS EN 20140-10:1992 with single number quantities calculated in accordance with BS EN ISO 717-1:1997.

Quick View Guide to Acoustic Ventilators for Background Ventilation

Product Name	Product Code	Equivalent Area	Sound Reduction dB $D_{n,e,w}$	Page
Super Acoustic Controllable Acoustic Vent New	AAC125HP	8500mm ²	43 dB open 50 dB closed	6
Cowled Super Acoustic Controllable Acoustic Vent New	AAC125HPCW	8400mm ²	45 dB open 50 dB closed	6
High Rise Super Acoustic Controllable Acoustic Vent New	AAH125HP	7700mm ²	44 dB open 50 dB closed	6
150mm Acoustic Air Vent with Hit & Miss Ventilator	AAC625HM	5187mm ²	36 dB open 37 dB closed	7
Cowled 150mm Acoustic Air Vent with Hit & Miss Ventilator	AAC625HMCW	4991mm ²	38 dB open 39 dB closed	7
150mm Acoustic Air Vent with Hit & Miss Ventilator	AAC635HM	4350mm ²	41 dB open	7
Cowled 150mm Acoustic Air Vent with Hit & Miss Ventilator	AAC635HMCW	3752mm ²	42 dB open	7
'9x3' Acoustic Air Vent Set with Hit & Miss Ventilator Improved Air Flow	TAL4H&M	6300mm ²	38 dB open 39 dB closed	8
'9x6' Acoustic Air Vent Set with Hit & Miss Ventilator Improved Air Flow	TALH&M	10500mm ²	39 dB open 40 dB closed	8
'9x9' Acoustic Air Vent Set with Hit & Miss Ventilator Improved Air Flow	TAL9H&M	12800mm ²	38 dB open 38 dB closed	8
'9x3' Cowled Acoustic Air Vent Set with Hit & Miss Ventilator Improved Air Flow	TAL4HMCWL	6300mm ²	39 dB open 40 dB closed	9
'9x6' Cowled Acoustic Air Vent Set with Hit & Miss Ventilator Improved Air Flow	TALHMCW	9800mm ²	42 dB open 42 dB closed	9
'9x9' Cowled Acoustic Air Vent Set with Hit & Miss Ventilator Improved Air Flow	TAL9HMCWL	12700mm ²	40 dB open 41 dB closed	9

NEW Super Look Acoustic Vent Range













Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
AAC125HP	Super Acoustic Controllable Air Vent (Up to 50 dB $D_{n,e,w}$)				
 NEW	<ul style="list-style-type: none"> Controllable air vent for background room ventilation. Core drilled - suitable for retrofit installations. Acoustic lining reduces sound by 43dB with internal panel fully open and 50dB when closed (<i>D</i>) Unique internal vent cover disperses air evenly and may be painted or wallpapered to match décor. External grille U.V. stabilised. Verifiable equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. Fixing screws for Vents provided in all sets. 	Ext. Grille: 166mm L x 160mm H Tube: 127mm Dia. x 358mm L Vent Panel: 172mm L x 172mm H	8500mm ² 85cm ²	Ext. Grille: Terracotta, buff/sand, white Internal Panel: Magnolia (may be decorated)	
AAC125HPCW	Cowled Super Acoustic Controllable Air Vent (Up to 50 dB $D_{n,e,w}$)				
 NEW	<ul style="list-style-type: none"> Controllable air vent for background room ventilation. Core drilled - suitable for retrofit installations. Acoustic lining reduces sound by 45dB with internal panel fully open and 50dB when closed (<i>D</i>) External cowl reduces light and draughts. Unique internal cover panel disperses air evenly and may be painted or wallpapered to match décor. External cowl and grille U.V. stabilised. Verifiable equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. 	Cowl: 217mm L x 210mm H x 93mm D Tube: 127mm Dia. x 358mm L	8400mm ² 84cm ²	Cowl and Ext. Grille: Terracotta, buff/sand, white LookRyt® Panel: Magnolia (may be decorated)	
AAH125HP	High Rise Super Acoustic Controllable Air Vent (Up to 50 dB $D_{n,e,w}$)				
 NEW	<ul style="list-style-type: none"> Controllable air vent for background room ventilation. Core drilled - suitable for retrofit installations. Fitted from the inside for high rise constructions. Acoustic lining reduces sound by 44dB with internal panel fully open and 50dB when closed (<i>D</i>) Unique internal vent cover disperses air evenly and may be painted or wallpapered to match décor. External grille U.V. stabilised. Verifiable equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. 	Tube: 127mm Dia. x 358mm L Vent Panel: 172mm L x 172mm H	7700mm ² 77cm ²	Ext. Grille: Terracotta, buff/sand, white LookRyt® Panel: Magnolia (may be decorated)	

Calculating background ventilation requirements










Calculating background ventilation requirements for houses can be a daunting task. If you would like us to help you with your calculations simply email tech@soundservice.co.uk with the following information:-

1. Total floor area of room in m²
2. Design air permeability.
3. Acoustic requirements.



150mm Dia. Acoustic Vent Range

Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
AAC625HM	150mm Acoustic Vent with Hit & Miss Ventilator (Up to 37dB $D_{n,e,w}$)				
	<ul style="list-style-type: none"> Controllable air vent for background room ventilation. Core drilled - suitable for retrofit installations. Acoustic lining reduces sound by 36dB with internal grille fully open and 37dB when closed (D). Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. Internal and external grilles U.V. stabilised. Verifiable equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. 	Grilles: 177mm L x 173mm H Tube: 151mm Dia. x 358mm L	5187mm ² 51.87cm ²	Ext. Grille: Terracotta, buff/sand, white Hit & Miss: White	 
AAC625HMCW	Cowled 150mm Acoustic Vent with Hit & Miss Ventilator (Up to 39dB $D_{n,e,w}$)				
	<ul style="list-style-type: none"> Controllable air vent for background room ventilation. Core drilled - suitable for retrofit installations. Acoustic lining reduces sound by 38dB with internal grille fully open and 39dB when closed (D). External cowl reduces light and draughts. Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. Cowl and grilles U.V. stabilised. Verifiable equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. 	Cowl: 217mm L x 210mm H x 93mm D Tube: 151mm Dia. x 358mm L	4991mm ² 49.91cm ²	Cowl and Ext. Grille: Terracotta, buff/sand, white Hit & Miss: White	 
AAC635HM	150mm Acoustic Vent with Hit & Miss Ventilator (Up to 41dB $D_{n,e,w}$)				
	<ul style="list-style-type: none"> Controllable air vent for background room ventilation. Core drilled - suitable for retrofit installations. Thicker acoustic lining reduces sound by 41dB with internal grille fully open. Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. Internal and external grilles U.V. stabilised. Verifiable equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. 	Grilles: 177mm L x 173mm H Tube: 151mm Dia. x 358mm L	4350mm ² 43.5cm ²	Ext. Grille: Terracotta, buff/sand, white Hit & Miss: White	 
AAC635HMCW	Cowled 150mm Acoustic Vent with Hit & Miss Ventilator (Up to 42dB $D_{n,e,w}$)				
	<ul style="list-style-type: none"> Controllable air vent for background room ventilation. Core drilled - suitable for retrofit installations. Thicker acoustic lining reduces sound by 42dB with internal grille fully open. External cowl reduces light and draughts. Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. Cowl and grilles U.V. stabilised. Verifiable equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. 	Cowl: 217mm L x 210mm H x 93mm D Tube: 151mm Dia. x 358mm L	3752mm ² 37.52cm ²	Cowl and Ext. Grille: Terracotta, buff/sand, white Hit & Miss: White	 

Acoustic Vent Sets

Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
<p>TAL4H&M</p>  <p>IMPROVED AIR FLOW</p>	<p>'9x3' Acoustic AirLiner® Set with Hit & Miss Ventilator (Up to 39dB $D_{n,e,w}$)</p> <ul style="list-style-type: none"> • Controllable air vent for background room ventilation. • Acoustic lining reduces sound by 38dB with internal grille fully open and 39dB when closed • Internal baffle reduces light and draughts. • Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. • External baffles prevent cross cavity water transfer. • Internal and external grilles U.V. stabilised. • New higher equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	<p>Vent: Extends from 250-368mm L with air brick fitted</p> <p>Hit & Miss: 271mm L x 95mm H</p>	<p>6300mm² 63cm²</p>	<p>Air Brick: Terracotta, buff/sand, white, grey, blue/black, black, brown</p> <p>Hit & Miss: White</p>	 <p>Product Sheet 3</p> 
<p>TALH&M</p>  <p>IMPROVED AIR FLOW</p>	<p>'9x6' Acoustic Vent Set with Hit & Miss Ventilator (Up to 40dB $D_{n,e,w}$)</p> <ul style="list-style-type: none"> • Controllable air vent for background room ventilation. • Acoustic lining reduces sound by 39dB with internal grille fully open and 40dB when closed • Internal baffles reduce light and draughts. • Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. • External baffles prevent cross cavity water transfer. • Internal and external grilles U.V. stabilised. • New higher equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	<p>Vent: Extends from 250-404mm L with air brick fitted</p> <p>Hit & Miss: 271mm L x 171mm H</p>	<p>10500mm² 105cm²</p>	<p>Air Brick: Terracotta, buff/sand, white, grey, blue/black, black, brown</p> <p>Hit & Miss: White</p>	 <p>Product Sheet 3</p> 
<p>TAL9H&M</p>  <p>IMPROVED AIR FLOW</p>	<p>'9x9' Acoustic Vent Set with Hit & Miss Ventilator (Up to 38dB $D_{n,e,w}$)</p> <ul style="list-style-type: none"> • Controllable air vent for background room ventilation. • Acoustic lining reduces sound by 38dB with internal grille fully open or closed. • Internal baffles reduce light and draughts. • Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. • External baffles prevent cross cavity water transfer. • Internal and external grilles U.V. stabilised. • New higher equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	<p>Vent: Extends from 250-404mm L with air brick fitted</p> <p>Hit & Miss: 271mm L x 247mm H</p>	<p>12800mm² 128cm²</p>	<p>Air Brick: Terracotta, buff/sand, white, grey, blue/black, black, brown</p> <p>Hit & Miss: White</p>	 <p>Product Sheet 3</p> 

Cowled Acoustic Vent Sets

Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
TAL4HMCWL  IMPROVED AIR FLOW	'9x3' Cowled Acoustic AirLiner® Set with Hit & Miss Ventilator (Up to 40dB $D_{n,e,w}$) <ul style="list-style-type: none"> Controllable air vent for background room ventilation. Acoustic lining reduces sound by 39dB with internal grille fully open and 40dB when closed Cowl and internal baffle reduces light and draughts. Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. External baffles prevent cross cavity water transfer. Cowl and grilles U.V. stabilised. New higher equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. 	Cowl: 255mm L x 96mm H x 44mm D Vent: Extends from 250-368mm L with air brick fitted	6300mm ² 63cm ²	Cowl & Air Brick: Terracotta, buff/sand Hit & Miss: White	 
TALHMCW  IMPROVED AIR FLOW	'9x6' Cowled Acoustic AirLiner® Set with Hit & Miss Ventilator (Up to 42dB $D_{n,e,w}$) <ul style="list-style-type: none"> Controllable air vent for background room ventilation. Acoustic lining reduces sound by 42dB $D_{n,e,w}$ with internal grille fully open or closed. Cowl and internal baffles reduce light and draughts. Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. External baffles prevent cross cavity water transfer. Cowl and grilles U.V. stabilised. New higher equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. 	Cowl: 255mm L x 154mm H x 74mm D Vent: Extends from 250-404mm L with air brick fitted	9800mm ² 98cm ²	Cowl & Air Brick: Terracotta, buff/sand, white Hit & Miss: White	 
TAL9HMCWL  IMPROVED AIR FLOW	'9x9' Cowled Acoustic Vent Set with Hit & Miss Ventilator (Up to 41dB $D_{n,e,w}$) <ul style="list-style-type: none"> Controllable air vent for background room ventilation. Acoustic lining reduces sound by 40dB with internal grille fully open and 41dB when closed Cowl and internal baffles reduce light and draughts. Internal hit & miss grille manually adjusted with an easy sliding action giving control over air flow. External baffles prevent cross cavity water transfer. Cowl and grilles U.V. stabilised. New higher equivalent area confirmed by the BRE. Acoustic performance tests by BRE Acoustics. 	Cowl: 274mm L x 235mm H x 103mm D Vent: Extends from 250-404mm L with air brick fitted	12700mm ² 127cm ²	Cowl & Air Brick: Terracotta, buff/sand, white Hit & Miss: White	 

Can't find the colour you require?

We are able to manufacture cowls, air bricks and external louvre grilles in alternative colours. You can choose from our standard colour palette below or provide us with a RAL number.










Call **01993 704810** and talk to our sales office about colour matching.



Quick View Guide to Acoustic Ventilators for Boiler, Stove and Fire Ventilation

Product Name	Product Code	Equivalent Area	Sound Reduction dB $D_{n,e,w}$	Page
Super Acoustic Vent	AAC125LP	74cm ²	44 dB	11
Cowled Super Acoustic Vent	AAC125LPCW	72cm ²	45 dB	11
High Rise Super Acoustic	AAH125LP	66cm ²	44 dB	11
150mm Acoustic Vent	AAC625	79.06cm ²	36 dB	12
Cowled 150mm Acoustic Vent	AAC625CW	75.11cm ²	38 dB	12
150mm Acoustic Vent	AAC635	54.12cm ²	41 dB	12
Cowled 150mm Vent	AAC635CW	52.48cm ²	42 dB	12
'9x3' Acoustic Vent Set with Flush Louvre Ventilator and Improved Air Flow	TAL4SET	58cm ²	38 dB	13
'9x6' Acoustic Vent Set with Flush Louvre Ventilator and Improved Air Flow	TALSET	63cm ²	39 dB	13
'9x9' Acoustic Vent Set with Louvre Ventilator and Improved Air Flow	TAL9SET	131cm ²	38 dB	13
'9x3' Cowled Acoustic Vent Set with Flush Louvre Ventilator and Improved Air Flow	TAL4CWL	58cm ²	39 dB	14
'9x6' Cowled Acoustic Vent Set with Flush Louvre Ventilator and Improved Air Flow	TALCWL	55cm ²	42 dB	14
'9x9' Cowled Acoustic Vent Set with Flush Louvre Ventilator and Improved Air Flow	TAL9CWL	122cm ²	40 dB	14

NEW Super Acoustic Air Vent Range

Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
AAC125LP	Super Acoustic Vent (44dB $D_{n,e,w}$)				
 NEW	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Core drilled - suitable for retrofit installations. • Acoustic lining reduces sound by 44dB • Unique internal vent panel disperses air evenly and may be painted or wallpapered to match décor. • External grille U.V. stabilised. • HETAS approved for use with solid fuel appliances. • Verifiable equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. • Fixing screws for Acoustic Vents provided in all sets. 	Ext. Grille: 166mm L x 160mm H Tube: 127mm Dia. x 358mm L Panel: 172mm L x 172mm H	7400mm ² 74cm ²	Ext. Grille: Terracotta, buff/sand, white Vent Panel: Magnolia (may be decorated)	 
AAC125LPCW	Cowled Super Acoustic Vents (45dB $D_{n,e,w}$)				
 NEW	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Core drilled - suitable for retrofit installations. • Acoustic lining reduces sound by 45dB • External cowl reduces light and draughts. • Unique internal vent panel disperses air evenly and may be painted or wallpapered to match décor. • External cowl and grille U.V. stabilised. • HETAS approved for use with solid fuel appliances. • Verifiable equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	Cowl: 217mm L x 210mm H x 93mm D Tube: 127mm Dia. x 358mm L	7200mm ² 72cm ²	Cowl and Ext. Grille: Terracotta, buff/sand, white Vent Panel: Magnolia (may be decorated)	 
AAH125LP	High Rise Super Acoustic Vent (44dB $D_{n,e,w}$)				
 NEW	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Core drilled - suitable for retrofit installations. • Fitted from the inside for high rise constructions. • Acoustic lining reduces sound by 44dB • Unique internal vent panel disperses air evenly and may be painted or wallpapered to match décor. • External grille U.V. stabilised. • HETAS approved for use with solid fuel appliances. • Verifiable equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	Tube: 127mm Dia. x 358mm L Panel: 172mm L x 172mm H	6600mm ² 66cm ²	Ext. Grille: Terracotta, buff/sand, white Vent Panel: Magnolia (may be decorated)	 

Calculating ventilation requirements













If you would like us to help you calculate the equivalent area requirement for your boiler, stove or fire simply email tech@soundservice.co.uk with the following information:-

1. Appliance type e.g. gas, solid fuel, open fire etc.
2. kW output or input.
3. Design air permeability or year building was constructed.
4. Acoustic requirements.

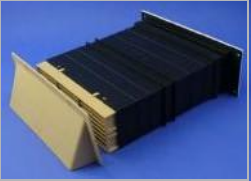








150mm Dia. Acoustic Air Vent Range

Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing	
AAC625	150mm Acoustic Vent (36dB $D_{n,e,w}$)	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Core drilled - suitable for retrofit installations. • Acoustic lining reduces sound by 36dB • Finished with a fixed open louvre vent internally. • Internal and external grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • Verifiable equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	Grilles: 177mm L x 173mm H Tube: 151mm Dia. x 358mm L	7906mm ² 79.06cm ²	Ext. Grille: Terracotta, buff/sand, white Int. Grille: White	  
AAC625CW	Cowled 150mm Acoustic Vent (38dB $D_{n,e,w}$)	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Core drilled - suitable for retrofit installations. • Acoustic lining reduces sound by 38dB • External cowl reduces light and draughts. • Finished with a fixed open louvre vent internally. • Cowl and grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • Verifiable equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	Cowl: 217mm L x 210mm H x 93mm D Tube: 151mm Dia. x 358mm L	7511mm ² 75.11cm ²	Cowl and Ext. Grille: Terracotta, buff/sand, white Int. Grille: White	  
AAC635	150mm Acoustic Vent (41dB $D_{n,e,w}$)	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Core drilled - suitable for retrofit installations. • Thicker acoustic lining reduces sound by 41dB • Finished with a fixed open louvre vent internally. • Internal and external grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • Verifiable equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	Grilles: 177mm L x 173mm H Tube: 151mm Dia. x 358mm L	5412mm ² 54.12cm ²	Ext. Grille: Terracotta, buff/sand, white Int. Grille: White	  
AAC635CW	Cowled 150mm Acoustic Vent (42dB $D_{n,e,w}$)	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Core drilled - suitable for retrofit installations. • Thicker acoustic lining reduces sound by 42dB • External cowl reduces light and draughts. • Finished with a fixed open louvre vent internally. • Cowl and grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • Verifiable equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	Cowl: 217mm L x 210mm H x 93mm D Tube: 151mm Dia. x 358mm L	5248mm ² 52.48cm ²	Cowl and Ext. Grille: Terracotta, buff/sand, white Int. Grille: White	  

Acoustic Air Vent Sets

Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
TAL4SET	'9x3' Acoustic Vent Set with Flush Louvre Ventilator (38dB $D_{n,e,w}$)				
	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Acoustic lining reduces sound by 38dB • Internal baffle reduces light and draughts. • Finished with a fixed open flush fitting louvre vent. • External baffles prevent cross cavity water transfer. • Internal and external grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • New higher equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	<p>Vent: Extends from 250-368mm L with air brick fitted</p> <p>Louvre: 270mm L x 97mm H</p>	<p>5800mm² 58cm²</p>	<p>Air Brick: Terracotta, buff/sand, white, grey, blue/black, black, brown</p> <p>Louvre: White</p>	  
IMPROVED AIR FLOW					
TALSET	'9x6' Acoustic Vent Set with Flush Louvre Ventilator (39dB $D_{n,e,w}$)				
	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Acoustic lining reduces sound by 38dB • Internal baffles reduce light and draughts. • Finished with a fixed open flush fitting louvre vent. • External baffles prevent cross cavity water transfer. • Internal and external grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • New higher equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	<p>Vent: Extends from 250-404mm L with air bricks fitted</p> <p>Louvre: 264mm L x 166mm H</p>	<p>6300mm² 63cm²</p>	<p>Air Brick: Terracotta, buff/sand, white, grey, blue/black, black, brown</p> <p>Louvre: White</p>	  
IMPROVED AIR FLOW					
TAL9SET	'9x9' Acoustic Vent Set with Louvre Ventilator (38dB $D_{n,e,w}$)				
	<ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Acoustic lining reduces sound by 38dB • Provides over 130cm² equivalent area. • Internal baffles reduce light and draughts. • Finished with a fixed open louvre vent internally. • External baffles prevent cross cavity water transfer. • Internal and external grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • New higher equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	<p>AirLiner[®]: Extends from 250-404mm L with air bricks fitted</p> <p>Louvre: 271mm L x 247mm H</p>	<p>13100mm² 131cm²</p>	<p>Air Brick: Terracotta, buff/sand, white, grey, blue/black, black, brown</p> <p>Louvre: White</p>	  
IMPROVED AIR FLOW					

Cowled Acoustic Air Vent Sets

Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
TAL4CWL  IMPROVED AIR FLOW	<p>'9x3' Cowled Acoustic Vent Set with Flush Louvre Ventilator (39dB $D_{n,e,w}$)</p> <ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Acoustic lining reduces sound by 39dB • Cowl and internal baffle reduces light and draughts. • Finished with a fixed open flush fitting louvre vent. • External baffles prevent cross cavity water transfer. • Cowl and grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • New higher equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	<p>Cowl: 255mm L x 96mm H x 44mm D</p> <p>Vent: Extends from 250-368mm L with air brick fitted</p>	<p>5800mm² 58cm²</p>	<p>Cowl & Air Brick: Terracotta, buff/sand</p> <p>Louvre: White</p>	 
TALCWL  IMPROVED AIR FLOW	<p>'9x6' Cowled Acoustic Vent Set with Flush Louvre Ventilator (42dB $D_{n,e,w}$)</p> <ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Acoustic lining reduces sound by 42dB • Cowl and internal baffles reduce light and draughts. • Finished with a fixed open flush fitting louvre vent. • External baffles prevent cross cavity water transfer. • Cowl and grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • New higher equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	<p>Cowl: 255mm L x 154mm H x 74mm D</p> <p>Vent: Extends from 250-404mm L with air bricks fitted</p>	<p>5500mm² 55cm²</p>	<p>Cowl & Air Brick: Terracotta, buff/sand, white</p> <p>Louvre: White</p>	 
TAL9CWL  IMPROVED AIR FLOW	<p>'9x9' Cowled Acoustic Vent Set with Louvre Ventilator (40dB)</p> <ul style="list-style-type: none"> • Combustion air vent for boilers stoves and fires. • Acoustic panels reduce sound by 40dB • Provides over 120cm² equivalent area. • Cowl and internal baffles reduce light and draughts. • Finished with a fixed open louvre vent internally. • External baffles prevent cross cavity water transfer. • Cowl and grilles U.V. stabilised. • HETAS approved for use with solid fuel appliances. • New higher equivalent area confirmed by the BRE. • Acoustic performance tests by BRE Acoustics. 	<p>Cowl: 274mm L x 235mm H x 103mm D</p> <p>Vent: Extends from 250-404mm L with air bricks fitted</p>	<p>12200mm² 122cm²</p>	<p>Cowl & Air Brick: Terracotta, buff/sand, white</p> <p>Louvre: White</p>	 

Can't find the colour you require?

We are able to manufacture cowls, air bricks and external louvre grilles in alternative colours. You can choose from our standard colour palette below or provide us with a RAL number.

Call **01993 704981** and talk to our sales office about colour matching.



Acoustic Vents and Flat Channel Duct

Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours	Approvals & Testing
TAL4000  IMPROVED AIR FLOW	'9x3' Acoustic Vent <ul style="list-style-type: none"> Telescopic cavity liner containing sound reducing panels. Use in noisy areas to reduce the amount of noise entering the building for a more peaceful environment. Contains an internal baffle to reduce light and draughts. Compatible with our Air Brick (MFAB) and 9x3 louvre and hit & miss ventilators. 	220mm W x 71mm H Extends from 230-348mm L	8700mm ² 87cm ² (may be reduced by fitted components)	Black	 Product Sheet 3 
TAL8000  IMPROVED AIR FLOW	'9x6' Acoustic Vent <ul style="list-style-type: none"> Telescopic cavity liner containing sound reducing panels. Use in noisy areas to reduce the amount of noise entering the building for a more peaceful environment. Contains a system of internal baffles to reduce light and draughts. Compatible with our Air Bricks and 9x6 louvre and hit & miss ventilators. 	220mm W x 140mm H Extends from 230-384mm L	13500mm ² 135cm ² (may be reduced by fitted components)	Black	 Product Sheet 3 
TAL9900  IMPROVED AIR FLOW	'9x9' Acoustic Vent <ul style="list-style-type: none"> Telescopic cavity liner containing sound reducing panels. Use in noisy areas to reduce the amount of noise entering the building for a more peaceful environment. Contains a system of internal baffles to reduce light and draughts. Compatible with our Air Bricks and 9x9 louvre and hit & miss ventilators. 	220mm W x 207mm H Extends from 230-384mm L	19100mm ² 191cm ² (may be reduced by fitted components)	Black	 Product Sheet 3 
RD5AD/M 	Acoustic Flat Channel Duct <ul style="list-style-type: none"> Sound attenuating ducting for central ventilation systems. Reduces noise generated by an appliance or other connected ducting. To reduce appliance noise install the RD5AD/M within the same room as the appliance. To reduce room-to-room disturbance install the RD5AD/M close to each inlet/outlet. Two RD5C connectors supplied with each length of RD5AD/M. 	Male component 204mm W x 60mm H overall ext. x 500mm L (RD5AD05M) 1m L (RD5AD1M) 1.5m L (RD5AD1.5M)		White	

Free Downloads

Product Guides, Technical Data Sheets and AutoCAD drawings available by contacting us by emailing tech@soundservice.co.uk

Contact Us

Please feel free to call or email us with your quotes, questions or queries.

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