

# AirCore

Acoustic (sound attenuating) wall ventilator

## For use fitted through walls

The new LookRyt AirCore is a permanent circular super acoustic (sound attenuating) wall ventilator suitable for new build and refurbishment situations.

This super acoustic ventilator can provide soundproofing up to 50 dB (Dn,e,w) and up to 8500mm<sup>2</sup> EA. LookRyt AirCore is available with a range of cowls and louvres and is available in white, buff/sand or terracotta moulded plastic finish.

## Features & Benefits

- Controllable air vent for background room ventilation
- Core drilled - suitable for retrofit installations
- Unique internal LookRyt panel disperses air evenly and may be painted or wallpapered to match décor
- External grille U.V. stabilised
- Verifiable equivalent area confirmed by the BRE
- Injection moulded one piece tube makes handling easier and installation quicker
- Acoustic performance tests by BRE Acoustics
- Effective in reducing pollutants in the home and improving Indoor Air Quality (IAQ), therefore reducing the risk of Toxic Home Syndrome.

## Manufactured from

Tube – High impact polystyrene with absorbent foam lining.

External and Internal louvres – UV stabilised high impact polystyrene.

Maximum length 358mm, minimum length 295mm.

## Standards

Measurement of airborne sound insulation was made in accordance with BS EN 20140-10: 1992.

Single number quantities were calculated in accordance with BS EN ISO 717-1:1997.

Equivalent area tested to BS EN 13141-1:2004 and independently verified by the BRE.

Also refer to: The Building Regulations 2000, Approved Document F.

The Building (Scotland) Regulations, Mandatory Standard 3.14.

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

British Standard BS 5250.

AirCore



Internal Grille



External Grille with Cowl



External Grille

## Details

Order and Specification Code	Main Uses, Features and Benefits	Size	Equivalent Area	Colours
<b>AAC125HP</b>	<b>Super Acoustic Controllable LookRyt® AirCore® (Up to 50 dB Dn,e,w)</b>			
 <ul style="list-style-type: none"> <li>Controllable air vent for background room ventilation</li> <li>Core drilled - suitable for retrofit installations</li> <li>Acoustic lining reduces sound by 43 dB with internal panel fully open and 50 dB when closed (Dn,e,w)</li> <li>Unique internal LookRyt panel disperses air evenly and may be painted or wallpapered to match décor</li> <li>External grille U.V. stabilised</li> <li>Verifiable equivalent area confirmed by the BRE</li> <li>Acoustic performance tests by BRE Acoustics</li> <li>Fixing screws for LookRyt panel provided in all set.</li> </ul>	<p><b>Ext. Grille:</b> 166mm L x 160mm H</p> <p><b>Tube:</b> 127mm Dia. x 358mm L</p> <p><b>LookRyt Panel:</b> 172mm L x 172mm H</p>	<p>8500mm<sup>2</sup></p> <p>85cm<sup>2</sup></p>	<p><b>Ext. Grille:</b> Terracotta, buff/sand, white</p> <p><b>LookRyt Panel:</b> Magnolia (may be decorated)</p>	
<b>AAC125HPCWL</b>	<b>Cowled Super Acoustic Controllable LookRyt® AirCore® (Up to 50 dB Dn,e,w)</b>			
 <ul style="list-style-type: none"> <li>Controllable air vent for background room ventilation</li> <li>Core drilled - suitable for retrofit installations</li> <li>Acoustic lining reduces sound by 45 dB with internal panel fully open and 50 dB when closed (Dn,e,w)</li> <li>External cowl reduces light and draughts</li> <li>Unique internal LookRyt panel disperses air evenly and may be painted or wallpapered to match décor</li> <li>External cowl and grille U.V. stabilised</li> <li>Verifiable equivalent area confirmed by the BRE</li> <li>Acoustic performance tests by BRE Acoustics.</li> </ul>	<p><b>Cowl:</b> 217mm L x 210mm H x 93mm D</p> <p><b>Tube:</b> 127mm Dia. x 358mm L</p>	<p>8400mm<sup>2</sup></p> <p>84cm<sup>2</sup></p>	<p><b>Cowl and Ext. Grille:</b> Terracotta, buff/sand, white</p> <p><b>LookRyt Panel:</b> Magnolia (may be decorated)</p>	
<b>AAH125HP</b>	<b>High Rise Super Acoustic Controllable LookRyt® AirCore® (Up to 50 dB Dn,e,w)</b>			
 <ul style="list-style-type: none"> <li>Controllable air vent for background room ventilation</li> <li>Core drilled - suitable for retrofit installations</li> <li>Fitted from the inside for high rise constructions</li> <li>Acoustic lining reduces sound by 44 dB with internal panel fully open and 50 dB when closed (Dn,e,w)</li> <li>Unique internal LookRyt panel disperses air evenly and may be painted or wallpapered to match décor</li> <li>External grille U.V. stabilised</li> <li>Verifiable equivalent area confirmed by the BRE</li> <li>Acoustic performance tests by BRE Acoustics.</li> </ul>	<p><b>Tube:</b> 127mm Dia. x 358mm L</p> <p><b>LookRyt Panel:</b> 172mm L x 172mm H</p>	<p>7700mm<sup>2</sup></p> <p>77cm<sup>2</sup></p>	<p><b>Ext. Grille:</b> Terracotta, buff/sand, white</p> <p><b>LookRyt Panel:</b> Magnolia (may be decorated)</p>	