ecodan® Renewable Heating Technology

Acoustic Kits

Up to an 8dBA Noise Reduction



Example of a CAHV Acoustic Kit

Mitsubishi Electric offer a range of Acoustic Kits designed for noise reduction. An industry first, these kits offer up to an 8dBA noise level reduction and are available to use with both our CAHV and CHU Ecodan models.

The sound levels of our kit are already class leading, but with local planning regulations tightening with regards to equipment sound levels, especially in urban environments or in residential areas close to commercial estates, Acoustic Kits can provide the answer.

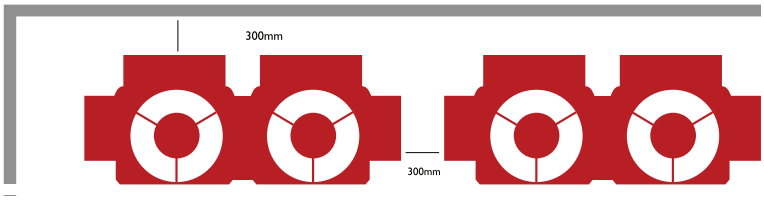
Noise level requirements at neighbouring facades also need to be met in order for planning permission to be granted and to further assist with this, as well as the option of Acoustic Kits, the CAHV systems also have a built in noise reduction input to help in the most extreme cases.

Both 'full kits' and 'top only' kits are available. The 'full kit' comprises of left, right and rear louvres with top attenuator(s). The 'top only' kit has top attenuator(s) only. If space is an issue then the 'top only' kit is still able to reduce the noise level by up to 4dBA.

The sound pressure level is calculated from an average of the noise at a height of 1m above the unit and at a distance of 1m from the front, sides and rear of the unit. All noise measurements are performed in an anechoic chamber.

Installation

Due to the wrap around coil of our units, the louvres are attached to three sides of the unit. Therefore, when installing multiple module systems, a 300mm gap between each louvre is required. See CAHV example below:



1 full kit per outdoor unit is required, unless specifying top attenuator only. In this case, space units as normal.

Supply and / or Installation

Please contact Ambient Acoustics directly for supply and installation costs. Installation costs will vary depending on location and quantity of units.

Ambient Acoustics Ltd
PO Box 1585, Wedmore, Somerset, BS28 4WZ
Tel: 01934 712802
Fax: 01934 710420
Email: sales@ambientacoustics.co.uk

Ambient Acoustics is an independent supplier of acoustic attenuation products, all warranties and liabilities rest with Ambient Acoustic Ltd. The acoustic kits have been tested and approved by Mitsubishi Electric UK.