

150 Holborn:

Provision of Residential Ventilation Coupled with Air Purification

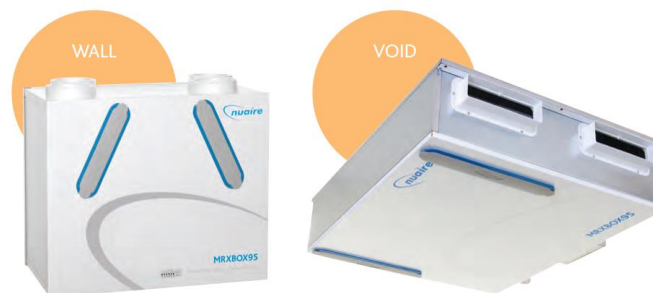
05 July 2016

Feedback from the London Borough of Camden states the following:

Before any conditions can be proposed the applicant should include details of the MVHR system and any proposed filters to bring indoor air quality to an acceptable standard as an addendum to their AQA. This should include the efficiency of the system, predicted indoor air pollution level after treatment and any maintenance requirements. Once this is accepted the following condition may be applied (might need to be reworded depending on their response).

Prior to commencement of development (excluding demolition and site preparation works) on site, full details of the mechanical ventilation including air inlet locations shall be submitted to and approved by the local planning authority in writing. Air inlet locations should be located away from roads and the boiler stack to protect internal air quality.

In order to discharge the above condition it is proposed to include a dedicated MVHR unit for each individual apartment which will either be wall or ceiling mounted as below



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The MVHR units are provided with a fan speed controller and a basic standard air filter, however, in order to comply with the requirements of the air quality assessment, it is further proposed to provide a stand-alone wall mounted air purifier to each apartment (located in the living area). The purifier proposed has six stages of filtration as outlined below and has the capacity to serve the entire apartment.

Six-stage purification & deodorization

