

Extraction Statement

Mechanical ventilation (supply and extract) will be provided to the basement level. This will be in the form 4no. SILMV1300/250, these are inline fans which are for the supply and extract of air into the property.

The units will incorporate a low watt EC backward curved motor to provide the lowest possible SFP and unit running costs with sealed for life ball bearings and designed to operate continuously at a pre-set 'background' rate creating an improved indoor climate.

- Full specification of the fans is detailed within the brochure attached.
- Location: -
 - The units will be housed within the basement at ceiling level. The design of the system is to allow for an industrial looking theme with exposed ducting.
- Floorplans: -
 - The attached drawings provide the location of units and ducting routes.
- Noise levels: -
 - The SILMV1300/250S in-line mixed flow fans meet ventilation needs in commercial and industrial applications, especially where sound may be a problem. Constructed from sheet steel with epoxy polyester paint, acoustic insulation (MO) glass fibre, within an outer shell. These fans improve comfort whilst achieving a substantial reduction in radiated noise level, without sacrificing airflow performance and ease of installation.
- A technical specification of the proposed equipment from the manufacturer attached.
- cleaning/maintenance: -
 - The central body of the SILENT MV can be easily dismantled from the connections to enable rapid maintenance, without the need to interfere with the ducting.



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