KES Facilities

Install, Service and Breakdown Engineers

Refrigeration Air Conditioning Ventilation & Extraction

Commercial Catering Equipment

To Whom It May Concern: 3rd April 2024

Re: Fresh Air Intake Louvre at Unit 3, Lincoln Building, Manchester.

Further to the above application and subsequent to previous approval ref: 137276/FO/2023 we have been asked to provide information on the following:

*1. The acoustic levels that would arise from the proposed louvre.*
We attach to this correspondence manufacturer's specification regarding the GBD 560/4/4 T120 fresh air fan which we intend to install to provide fresh air to the restaurant. This is an in-line fan that will be positioned within the unit and connected via ductwork to the external louvre to provide fresh air.

The fan is an acoustically lined cubic ventilation box complete with intake and extract spigots and with flexible connectors to reduce vibration transmission. Sound and thermally insulated with flame retardant acoustic wool, sound pressure breakout @4m is 48db(A). This can be reduced with sound dampers and acoustic fittings if it is found necessary.

As the fan is located within the unit any break out noise will be addressed internally so as to provide an appropriate environment within the restaurant and therefore any external noise will be negligent.

*2. An odour assessment for the proposed louvre if it is to serve kitchen extract equipment.*
We can confirm that the proposed louvre will not serve the kitchen extract system but will provide fresh air intake to the proposed restaurant, therefore no odour will be created or expelled.

Zaaps Architects, Inspire Design Consultancy have provided details of our initial layout on their drawings. You will note that the intake is a completely separate system to the extract system.

Kind regards,

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