

EXTRACTION SYSTEM DETAILS & NOISE REPORT ANALYSIS

Dear Sirs,

Please receive details on the noise and extraction system details as promised with regard to the proposal at 57 Camden High Street NW1.

1.0 The position and location of the external duct is as left-hand side elevation drawing the duct work shall be 315mm diameter stainless spiral ducting attached to brickwork on stainless steel brackets with anti vibration mounts. Elbows to have radius of 1.5 times duct diameter efflux velocity at duct terminus to be no less than 15m/s.

2.0 The fan to be a dual inlet centrifugal internal mixed flow type as per Ebmpapst details attached fixed within the canopy, all silencers flexible couplings and anti vibration mounts to be installed as per fan manufacturer's recommendations and details. The fan noise information is 67 dbA at 3m. Noise readings on 12/16/2009 taken at premises with a hand held sound level measuring device indicating 49.4 - 53.5 dbA at roof level to elevation windows and 55dbA within shop premises at 23.00hrs.

3.0 Filters will be of the Baffle type and located in the canopy over the Gas pizza oven and hob. (extract duty 0.85 m³/s) canopy size 2000x1100x450 with Cleaning and maintenance schedules as per filter manufacturer's recommendations and the fan to be inspected after 3 months and ductwork clean every 12 months.

4.0 Existing insulation between shop and upper parts to be upgraded by providing 100 Isowool within suspended ceiling cavity, deemed to provide a minimum of R_w dB =40 dB.

5.0 The complete installation to be carried out by specialist installers in compliance with HVCA standard DW172 and DEFRA Guidance on control of noise for commercial kitchens.

This statement set's out the performance objectives of the proposed system.

Best regards

James Jones

James Jones

Ventilation Engineer and Acoustics Consultant

SUNOPIA LTD



Commercial Kitchens / Stainless Steel Wall Cladding / Ventilation / Gas Inter-Loc / Extraction Canopies

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The Fresh Company UK Ltd
57 Camden High Street
London NW1 2JJ

14th December 2009

Dear John,

RE: Canopy Extraction System for 57 Camden High Street, London NW1:

Further to our recent site visit we have pleasure in submitting our quotation for the following:

Canopy extraction System for your New Premises.

Supply and install 2.0m stainless extraction canopy with internal motor and associated ducting.

Extraction Canopy:

1. Supply and install one lhd 2.0 x 1.10 x 0.45 stainless steel canopy above the cooking range.
2. Supply and install 4 x mesh canopy grease filters.
3. Supply and install internal mixed flow extraction fan.
4. Supply and install fan controller and on/off Isolator switch with lighting
5. Supply and install circa 12m of 300mm spiral ducting from the top of the canopy to the closest outside wall, rising to the top building circa 10m finished in bird's beak.

6. Supply and Install of Gas interlock Controller, 1" valve, air pressure switch and one knock off point.

£

3. Power Supply

Power is to be provided by you:

Extraction will need one 13amp fused spur located within 2m of the extraction canopy.

Contract Exclusions:

1. Landlord's/ Local Authority Consents
2. Access Hire
3. Anything not specifically mentioned in this quotation

Total cost exclusive of VAT:

I trust that the attached is acceptable, however should you have any queries regarding this quote please do not hesitate to contact me.

Kind regards

G. Cicconi
M&E Consulting Engineer