

Calibre Ventilation Limited

Heating – Ventilation – Air Conditioning Engineers

Unit B2, Addington Business Centre
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Date: 12th February 2009
To: Indy
Company: ADA Architecture

From: Dave Stirzaker
Job Ref : CV 3994
Re : 10 Parkhouse Court, Hatfield

Please find attached our drawing no. CV3994/1 showing our proposed kitchen extract and supply systems.

The kitchen extract system comprises of the following items :-

5800 x 1000 x 600 stainless steel extract hood with baffle type grease filters.

1no. Trion model T4200 double pass electrostatic filter.

4no. 600 x 600 x 100 grade G4 pleated panel pre- filters.

4no. 600 x 600 x 450 extra duty activated carbon filters. Carbon weight 38kG each.

1no. Extechnology EXE 12 and 1no. EXE 8 ultraviolet grease and odour removal units.

1no. Belt drive backward curved centrifugal extract fan. Duty 2360 l/s.

The kitchen supply system comprises of the following items :-

1no. Elta mixed flow fan. Duty 1880 l/s.

2no. 600 x 600 x 100 grade G4 pleated panel filters.

1no. 27kW fresh air heater.

8no. 550 x 550 supply grilles.

This arrangement will adequately reduce the kitchen extract odour and smoke emissions in accordance with DEFRA guidelines to allow low level discharge.

The system will need regular maintenance and will initially need monitoring to establish the frequency of filter changes. With regard to the electrostatic filters these will need monthly maintenance.

Please call me if you require any further information.

Best regards

