

Canopy UK Direct LTD
20-22 Welbeck way
Peterborough
PE2 7UH

Hayder Rathi
151 Dickenson Road
Rusholme
Manchester
M14 5HZ

Re; Ventilation and Extraction Statement

Purpose of Statement The purpose of this statement is to provide details of the proposed extraction & ventilation system to be installed at the named premises, including consideration of any odour impact in line with DW172 & DEFRA Guidelines.

The Cooking Style

Desert Shop Opening Hours TBC.

1 x Gas Grill 1 x Gas Fryer 2 x Waffle Irons 2 x Milkshake blender

System Performance There is a requirement for an extraction system, as they are using cooking equipment, A canopy will be installed to help with extraction of heat.

The overall canopy size at 2000mm x 1200mm with the airflow calculated based on face velocity on light loading at $0.3\text{m}^3/\text{s}$ ($960\text{m}^3/\text{h}$)

Extraction Canopy

The Canopy is manufactured from 430g, 1mm Stainless Steel, fitted with 2No. Primary Filtration Stainless Steel Baffle Filters. Suitable for removing and cleaning weekly

Ducting & Odour Control

The extract is in a horizontal positioning through to the external side wall. The ducting would be 315mm Dia Galvanised steel spiral ducting the extract fan is an integrated centrifugal fan motor, which will be built into the exterior spiral ducting approximately 3000mm in height.

Airflow – This fan peaks @ 0.43m³/s @ 0Pa Noise Rating – 57 db(A) @ 1.5 metres

Termination Cowl to be a 90° meshed beak cowl.

Odour Control

Based on the equipment to be used and the location of the property which is amongst other commercial properties such as a pub and a takeaway next door, I cannot see why there would be a requirement for any odour control. However, if this is seen as a mandatory requirement from the council, we could install an Air-zone unit, which will neutralise any odours from the airstream before they omitted externally. This additional filtration is costly, and I am not sure that this business warrants having this additional expense. It is something that can be added to the installation at a later date if necessary