

Canopy Uk Direct Ltd  
20 The Metro Centre  
Welbeck way  
Peterborough  
PE2 7UH

Site Address  
Aunty Ji's  
987 Stockport Road  
Manchester  
M19 2SY

5<sup>th</sup> June 2019

Re: Ventilation and Extraction Statement

Purpose of Statement

This statement provides details of the ventilation and extraction equipment in existence at the above premises. This statement will outline if this system has been installed in accordance with DW172 and DEFRA Guidelines.

The Cooking Style

Opening Hours .....  
Cooking Style.....  
Gas & Electric Cooking Equipment

System Performance

There is a stainless-steel extraction canopy over the cookline, which incorporates stainless steel baffle filters and a drain tap for cleaning. The canopy has been built with an air supply plenum to allow for 85% of the extracted air to be returned back into the kitchen. Both the extraction and air supply have been connected to rigid galvanised ducting which will run to the external termination points.

### Extraction Canopy

The Canopy is manufactured from 1mm Stainless Steel. The canopy is 2850mm x 1000mm x 500mm and has been fitted with no. 495x495mm stainless steel baffle filters for primary filtration. The airflow for the canopy at face velocity is 2.064m<sup>3</sup>/s based on medium loading. The canopy has been fitted with 2no heat & vapour proof LED lights

### Make Up Air

2no 250mmø will sit on the roof of the Kitchen, with a short length of 250mmø Galvanised Spiral Duct from each going through the roof on top of the hood. Filtrated fan box, with CBM9/9 fan box.

Airflow – This fan peaks @ 1.44m<sup>3</sup>/s @ 100PA  
Noise Rating - 63dB(A) Inlet @ 3m  
64dB(A) Outlet @ 3m  
40dB(A) Breakout @ 3m

### Ducting & Extract Fan

2 x duct exits onto roof line, into 450mmø Galvanised Spiral Duct. This will run horizontally along the roof, where TCBB450mmø Fan & 2 of 450mm Attenuators will be situated, turn 90° vertical to the wall, where duct will run up the wall & then turns 90° out to a 450mm Bird Beak termination. High level extraction point & grease baffle filters, will control low level odour nuisances.

Airflow – This fan peaks @ 1.86m<sup>3</sup>/s @ 300Pa  
Noise Rating – 66dB(A) Inlet @ 3m  
67dB(A) Outlet @ 3m  
43dB(A) Breakout @ 3m

## Noise Attenuation

### Extract:

There are 2no Melinex Lined Attenuators installed 450mmø x 600mm (l) which will be situated on both the inlet & outlet side of the fan to reduce the dba levels by a further 8-14, anti-vibration mounts and flexible duct connectors have been used to prevent any vibration through the system.

### Supply:

There are 1no Melinex Lined Attenuators installed 400mmø x 600mm (l) which will be situated on both the inlet & outlet side of the fan to reduce the dba levels by a further 8-14, anti-vibration mounts and flexible duct connectors have been used to prevent any vibration through the system.

## Gas Interlock System

A Merlin CT1250 Gas Interlock system has been installed along with a gas solenoid valve and emergency stop button

## System Maintenance

It is essential that this system is maintained to allow for it to work efficiently.

1, Baffle filters must be removed and washed on a weekly basis by on site staff, and can be ordered from Canopy UK when required.

2, Dependent on usage the entire system must be checked & cleaned by a Commercial Kitchen Extraction Duct Cleaning Specialist, please see table below;

|              |                      |                    |
|--------------|----------------------|--------------------|
| Light Usage  | 2 – 6 hours per day  | Clean once a year  |
| Medium Usage | 6 – 12 hours per day | Clean twice yearly |
| Heavy Usage  | 12-16 hours per day  | Clean quarterly    |