



HAY UK GROUP

Construction and Renovation
Commercial Kitchen
Canopy and Extraction Systems

REFERENCE: 9 TARBOCK ROAD,
HUYTON, LIVERPOOL L365XN

03/06/2023

For the attention of whom it may concern,

With reference to the above mentioned property, for the extraction canopy system we will fitting following system.

We have 1x canopy which is approximately 2500 MM

mm long and supply additional system for the canopy extraction system.

Technical details for the above project.

The extract canopy will have stainless steel baffle grease filters, after the canopy and before the fan will have carbon filter two off NV4, these will have F5 pre filters.

All ductwork will be manufactured and install to DW144. All the system completed with DEFRA. Duct

velocities be 8m/s minimum.

The motor and filter are going to be loft room . Also the duct pipe for system discharged vertically of the building with a high velocity cowl.

The motor that we use for the canopy unit is a 450 mm diameter HELLIIOUS BOX FAN already comes with silencer.

The motor we used which measured from a 3meters distance will produce a typical sound level 47Db (A) in free field conditions before any ducting additional.

In addition, the room where the engine is located will be insulated and vibration absorbing brackets will be used. After isolation the sound will decrease by approximately 30 db (A)

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