

Canopy Hood details 3metre Stainless Steel Canopy in 1 pice

dimensions: 3000mmx 1100mmx600 mm deep

The canopy will be manufactured from food grade stainless steel. The hood will be supplied with stainless steel baffle grease filters.

Fan Specification

Located within the ductwork is a TCBT 2/4-500 Contra Rotating Cased 630mm compact fan, 4 pole single phase, running transformer regulator. 1340rpm with a maximum noise of 72dba and will handle airflow rate in excess of 2.8m³/sec @ 500pa

Ductwork and Discharge efflux velocity for hood

The ductwork size is approximately 500mm diameter

Silencer Details

Before the fan and after the fan will be 1 off, 2D Silencers which reduces 32dba (minus 32dba)

Maximum operating noise of fan is 72dba

$72 - 32 = 40\text{dba}$

which is 10db less from the background levels to comply with BS

After the second silencer will be a 597x597x 292 extra duty cell carbon odour filter unit.

Termination Point will be through the rear wall of the property turning in a downward drop of 600 mm with the discharge facing towards the ground.