

Ducting Specification For A Fish Frying Range

I am pleased to supply you with the information you are requiring in connection to the extraction system fitted to a fish frying range.

Ducting

20 gauge galvanised steel, Type B22

300mm

Termination height

1 meter above eaves height

3 meters above any open window

Noise attenuation

45db at 1mt from the fan unit

The fan unit houses a resilient rubber mounted 1.1kw motor for quiet running.

Fan Motor

1.1kw cap st (EKF2901) 4P 240V DP RESI. BASE MNTD, 1 Ph 50Hz

19mm Shaft , 1425 RPM.

Impellor

300mm x 127mm x 19mm taper lock" Multi Vane .

AIR FLOW

@1.5 Wg RESISTANCE 1480 CFM

@ 1.0 Wg RESISTANCE 1640 CFM

Fat extraction

A fat collection box will be incorporated within the extract system to remove most of the solid particles.

New fish ranges will have additional stainless steel fat filters incorporated in the rear of each pan.

Termination point

The termination of the duct will be a high velocity termination cowl (achieving a higher velocity of air flow at the termination point)

Odour Control

Carbon Filter unit (Purified Air)

Electrostatic Precipitator 3000 (Purified Air)