



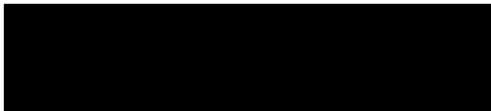
Design & Specification For:

Mhq701

**Butlins Holiday Park,
Upper Bognor road,
Bognor Regis,
PO21 1JJ**

Prepared By:

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Design Brief:

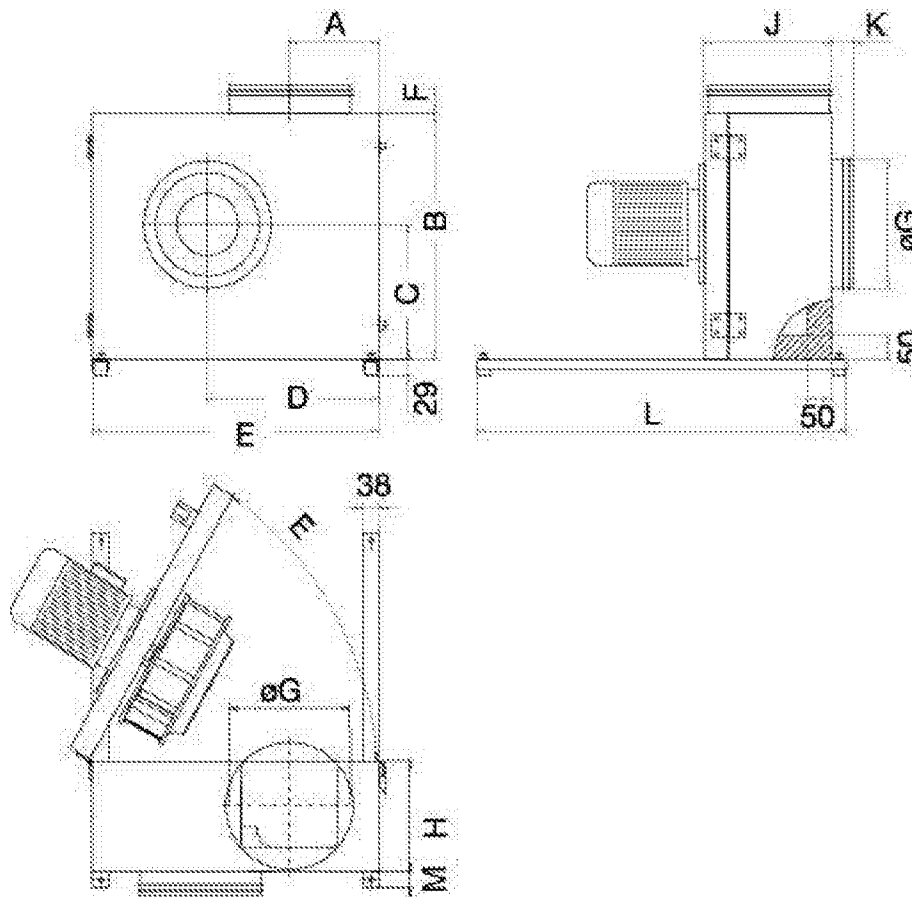
This specification outlines the proposals for ventilation services to the above named unit. The system is designed around an extract rate of 0.98m³/s for the take away frying appliance and 0.90m³/s for the restaurant.

Extract Fan.

Extract Fan to be of scroll fan type suitable for external application. Fan should be able to run at a duty of up to 1m³/s at a maximum of 1000pa and cope with kitchen extract temperatures.

Proposed: 2 x SYSTEM AIR KBR 315D2 IE2

Thermo fan



	A	B	C	D	E	F	øG	H	J	K	L	M
KBR 315	187,5	600	339	398	690	125	315	249	307	70	770	55

Attenuation levels

Sound pressure level at 4m – 51dB (A)

Sound pressure level at 10m – 43dB (A)

Termination of extract ductwork

In order to reach an efflux velocity of 16m/s (recommended minimum airflow velocity stated in the Defra guidance manual) the High Velocity Cowl dimensions shall be reduced to 200mm. Finished height of both ducts shall be 1000mm above eaves.