Commercial Kitchen Design Ventilation Installation Steel Fabrication Refrigeration



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## Hoa Sen - Vietfood Group Ltd 22 Drury Lane, London WC2B 5RH - DEEPA 11 September 2019 Frying / Grilling / Roasting / Boiling

- 1. Supply and install 1 L shape easy clean ventilation system W4700 x W3600 xH520 complete with removable fire resistant baffle filters.
- 2. Walls will be cladded in high grade stainless steel for easy maintenance.
- 3. Ducting consists of high grade galvanized steel 560 mm with access doors for cleaning and maintenance.
- 4. Odour control consists of carbon chamber 4 x 445x455x597 removable grade A carbon filter cells and 4x 445x455x597 bag pre filters dwell time 0.2 seconds.
- 5. Mixed flow acoustic lined turbofan cvat/4-900/560nd which has a DB rating of 58 and has been sized up on a face velocity of 0.35/ms airflow is 1.5m3/s at external pressure of 500 pa.
- 6. Podded silencer fitted to fan will reduce noise level to 48 DB.
- 7. Ducting is finished 1.5m above roof soffit and a open-top offset cowl will point towards roof ridge external ducting will be powder coated black for aesthetics.
- 8. Mechanical supply air consist of a acoustic lined turbofan cvat/4-900/500nd which has a DB rating of 58. Worked out on 80% of replaced air.

All ducting and fan system will be fitted with anti-vibration mounts big foot supports and bracketry.

## MAINTENANCE

Recommended 6 monthly cleaning contract which includes maintenance on ventilation system carbon filtration and pre-filters which will comply with rules and regulations for health and safety requirements. Filters to be changed every 6 months.