

## KVL - LOW SIDEWALL CANOPY

With Capture Jet™ for High Efficiency Extraction



### Overview:

Halton KVL Low Sidewall hoods are designed for efficient capture and extraction of the emissions from fryers and grills in Quick Service Restaurants and commercial kitchens. The Capture Jet™ effectively captures the contaminated air with minimum exhaust airflow and the flame arrestor filters efficiently separate particles from the thermal plume.

### Features:

- **Effective:** Capture Jet™ reduces energy consumption with up to 50% lower exhaust airflow than normal wall hoods. (Performance tested to ASTM F1704)
- **Efficient:** KSA Filters for up to 95% removal of particles 10µm size and above.
- **Safe:** KSA Filters for UL1046 certified flame arrestance.
- **Hygienic:** Stainless steel (AISI 304), welded construction.
- **Ease:** T.A.B.™ testing and balancing taps to allow simple airflow rate balancing & commissioning.
- **Lights:** LED down Lights provide Warm light at 500 Lux.
- **Options:** Cladding above hood can have optional return for plate shelf (see image right) or Perforated front face for low velocity supply of make-up air.



**Capture Jet™ technology**  
Up to 50% reduction in airflow rates

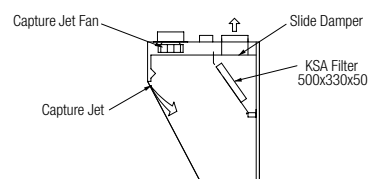


**Cyclonic filter**  
95% efficient on 10µm and above particles

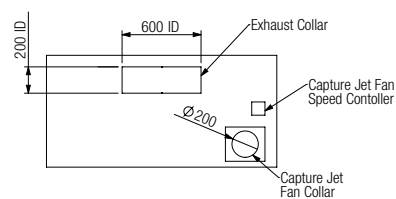


**T.A.B.™ technology**  
Quick airflow rates measurement

### Typical Section & Plan:



Typical End View



Typical Collar/Fan Size

\*For dimensions refer to project drawing

### Recommended Combinations:



**Capture Ray™ technology**  
Neutralises grease vapours and particles



**Impregnated Carbon Filter**  
Reduces Urban Pollution



**Integrated supply air**  
Better smoke capture and comfort



**Built-in Fire Suppression**  
Engineered & pre-installed from factory



### Typical Specification Text:

Kitchen Exhaust Hood must be low height sidewall type (1) with Capture Jet™, UL1046 Certified Cyclonic Filters (KSA), Capture Ray™ UV-C lamps, T.A.B.™ pressure ports and LED Down lights. The hood will be designed to performance standard ASTM1704 and manufactured from 1.2 mm AISI 304 Satin Finish with fully welded exhaust plenum. The hood will be supplied with ANSUL fire suppression and Plate Shelf option or perforated Front for integrated make-up air.

Due to continuous product research and development, the information contained herein is subject to change without notice.

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