

Overview

Island Exhaust Hood with Face Makeup Air Provision

With KSA filters for flame protection.

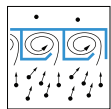
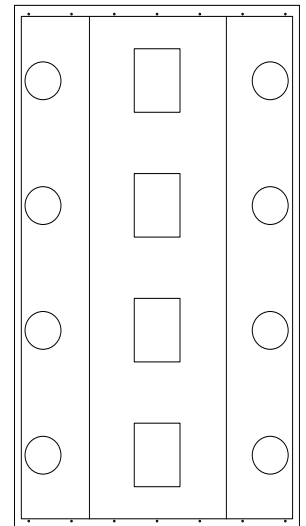
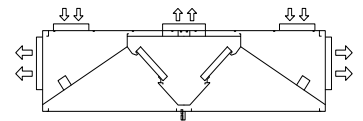
Halton exhaust hoods are designed for use in commercial kitchens and show kitchens. Halton KVX.F.M hoods are proprietary kitchen exhaust hoods, that capture and extract the thermal plume through high efficiency cyclonic filters.



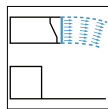
Features

- **Compliant design:** Halton Exhaust hoods comply with AS1668.2 Clause 3.4 Kitchen Exhaust Hoods.
- **Safe:** Halton's KSA filters are UL1046 certified for preventing the spread of flames from the kitchen into the exhaust plenum and duct.
- **Effective:** Halton's KSA filters use cyclonic action to efficiently separate contaminant particles. Independent tests verify that 95% of particles (10µm and above) are removed.
- **Low maintenance:** High efficiency removal of oil particulate keeps the exhaust duct and exhaust fan cleaner and reduces formation of combustible deposits.
- **Healthy:** The HACCP certified KSA filters are easily removed and washed on site in the pot-washer with hot soapy water to maintain kitchen hygiene.
- **Easy:** Halton Exhaust Hoods are easy to install with full perimeter hanging rails and power leads with plugs for quick connection to lighting circuits by installers.
- **Make-Up air:** Provision for supply of Make-up Air through the front hood's face at low velocity increases the hoods capture efficiency up to 40% as well as further improving the comfort for kitchen staff.

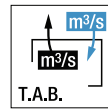
Typical Section & Plan



Cyclonic Filter
95% efficient on 10µm and above particles

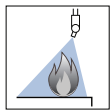


Integrated Supply Air
Better smoke capture and comfort



T.A.B.™ Technology
Quick airflow rates measurement

Recommended Combinations:



Built-in Fire Suppression
Engineered and pre-installed from factory

For dimensions of hood and connections, refer to the project drawing.

Typical Specification Text

Kitchen Exhaust Hood shall comply with the requirements of NCC 2025, AS1668.2 2024 and AS1668.1 2015. Constructed from 1.2mm AISI 304 Satin finish with welded exhaust plenum. The hood shall be supplied with high efficiency UL1046 Certified Cyclonic Filters (KSA) and TAB pressure measurement points, exhaust and supply adjustment dampers, and LED light fittings to provide minimum 500 lux at the cooking surface. The size shall be as indicated in the drawings. The hood will be designed to save energy and the exhaust air flow will be calculated using convective heat calculations methods.