



KVI - CAPTURE JET™ HOOD

With Capture Jets™



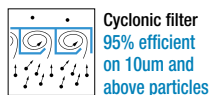
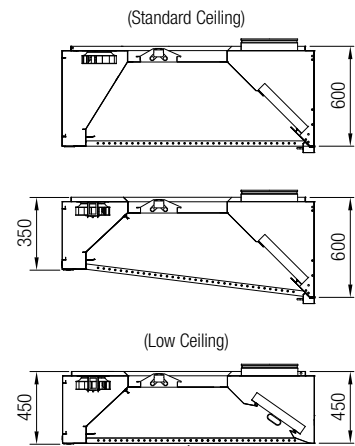
Overview:

Halton exhaust hoods are designed for use in high energy commercial kitchens and show kitchens. Halton KVI hoods with Capture Jet™ are proprietary kitchen exhaust hoods, that efficiently capture and extract the thermal plume from heavy duty and live fuel cooking equipment. Capture Jet™ helps capture and contain the heat load with up to 30% lower exhaust airflow.

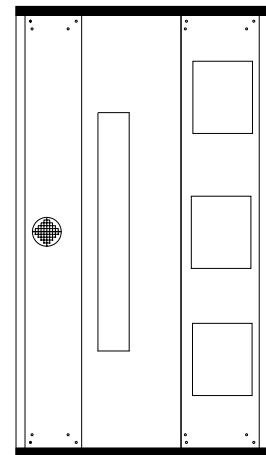
Features:

- **Compliant design:** Halton Capture Jet™ hoods comply with AS1668.2 as proprietary kitchen exhaust hoods designed to proven and tested standards. (ASTM F1704, VDI2052)
- **Safe:** Halton's KSA filters are UL1046 certified to prevent the spread of flames from the kitchen into the exhaust plenum and duct.
- **Efficient:** Capture Jet™ technology uses controlled horizontal and vertical air curtains to contain the exhaust air and move it toward the filters for efficient removal.
- **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:** Capture Jet™ 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:** Is not included in KVI hoods - The exhaust air needs to be replenished into the kitchen by natural ventilation or by mechanical supply through ceiling or wall diffusers to maintain a slight negative pressure kitchen in the kitchen.

Typical Section & Plan:



Recommended Combinations:



*For dimensions refer to project drawing

Notes:

1. The dimensions shown are for modular sections only. Longer hoods are assembled using a combination of separate modules to make delivery and on-site handling easier.
2. Other Capture Jet™ air supply possibilities or connections are available on request.

LOCATION OF CONNECTIONS (mm)

Number of exhaust and supply connections to be assessed in relation to the length of the modules and the calculation of airflow rates depending on the configuration of the cooking appliances.

Estimated Weight kg (h=600mm)

L/B	1100	1300	1500	1700	1900
1100	78	83	88	93	98
1600	103	108	113	118	123
2100	128	133	138	143	148
2600	153	158	163	168	173
3100	178	183	188	193	198



Typical Specification Text:

Kitchen Exhaust Hood shall comply with the requirements or NCC 2015 and AS1668.2 2012. Constructed from 1.2 mm AISI 304 Satin finish with fully welded exhaust plenum. The hood shall be supplied complete with vertical and horizontal Capture Jet™ technology, high efficiency UL classified multi-cyclone grease filters (KSA) and pressure measurement points, exhaust air adjustment dampers, and flush 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 capture efficiency will be calculated using convective heat calculation methods. Make-up air must be supplied at low velocity by others.

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

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