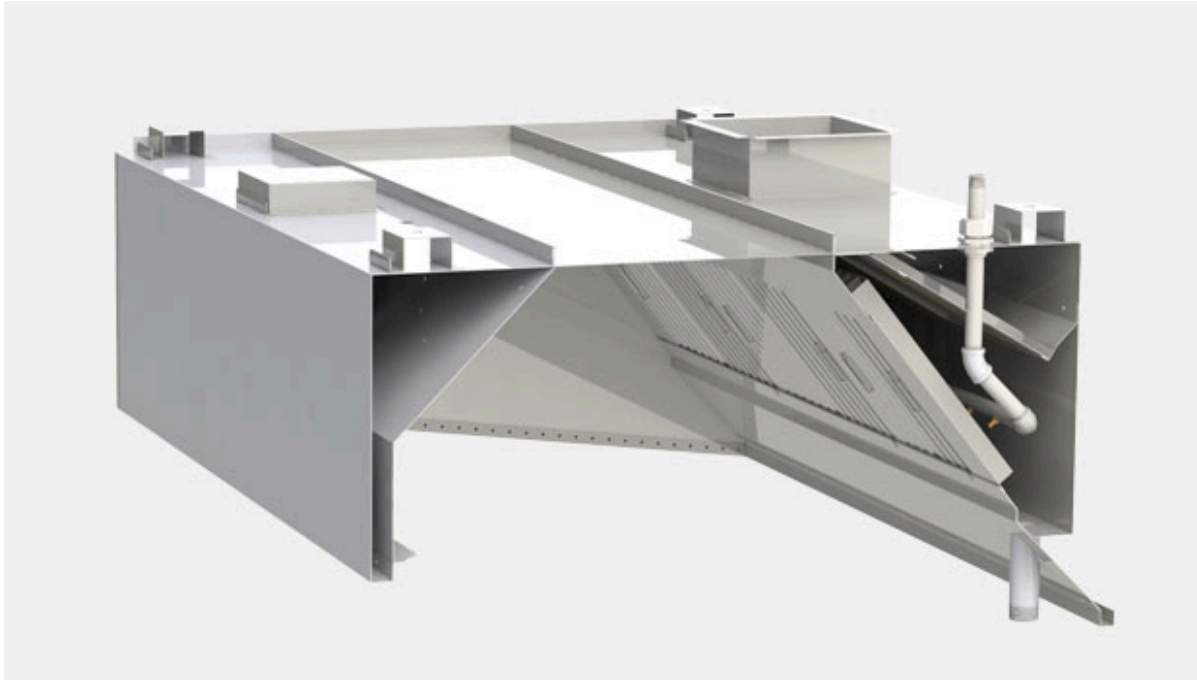


# KVE-CM – Capture Jet™ continuous mist exhaust hood (ETL)



## Overview

- Improved indoor air quality with reduced energy use. Halton Capture Jet™ reduces the exhaust airflow rates required and improves the capture and containment efficiency of the hood.
- Continuous mist spray. Spray is initiated when exhaust fan is turned on.
- High efficiency grease filtration using UL and NSF classified Halton KSA multi-cyclone filters for removal of up to 95% of particles with a size of 8 microns per ASTM F2519.
- T.A.B.™ (testing and balancing) ports, which allow accurate and effective commissioning.
- Standard LED light fixtures.
- Optional LED dimming is available for Capture Jet hoods. Dimming is control by a knob on the switch panel or through Halton HMI Touch Screen.
- Stainless steel, welded design.

### RECOMMENDED COMBINATIONS

The technologies and features integrated in the KVE-CM hood can be combined with the following technologies or products to further improve the Energy Efficiency, Safety, Indoor Environment Quality (IEQ) or Emission Control levels.



**Further increase the energy savings and improve the working conditions of the staff**

Go for [M.A.R.V.E.L.](#) energy saving technology for kitchens ventilation



**Establish your kitchen wherever you chose and increase once more the energy savings**

Go for [PolluStop](#) pollution control unit.



**Get peace of mind by making no compromise on fire safety**

Go for the factory pre-installed FSS [Fire Suppression System](#)



**Optimize the ductwork cleaning costs and further improve your safety**

Go for KGS [grease deposition level monitoring system](#) for ductwork

## Specification

The KVE-CM hood provides solutions for a variety of commercial food service ventilation applications over solid fuel cooking processes. Based on Halton's patented highly efficient Capture Jet™ solution and advanced mechanical KSA filter technology, the Continuous Mist feature focused on exhaust temperature reduction and ember carry over elimination. The Continuous Mist system is built into the hood's exhaust plenum.

The KVE Capture Jet™ hood is a highly efficient kitchen ventilation hood that removes contaminated air and excess heat emitted by cooking equipment, helping to provide a comfortable and clean environment.

The KVE hood uses the advanced Halton Capture Jet™ to improve the capture and containment of the airflows generated by the cooking equipment. Overall exhaust airflow rates can be reduced up to 30% compared to traditional kitchen hoods.

The Capture Jet™ hood is based on the high entrainment efficiency of a compact, high-velocity capture air jet. The capture air jets efficiently induce ambient air at the critical open sides of the hood, minimizing the spillage of the contaminated air and maintaining good air quality in the chef's work area.

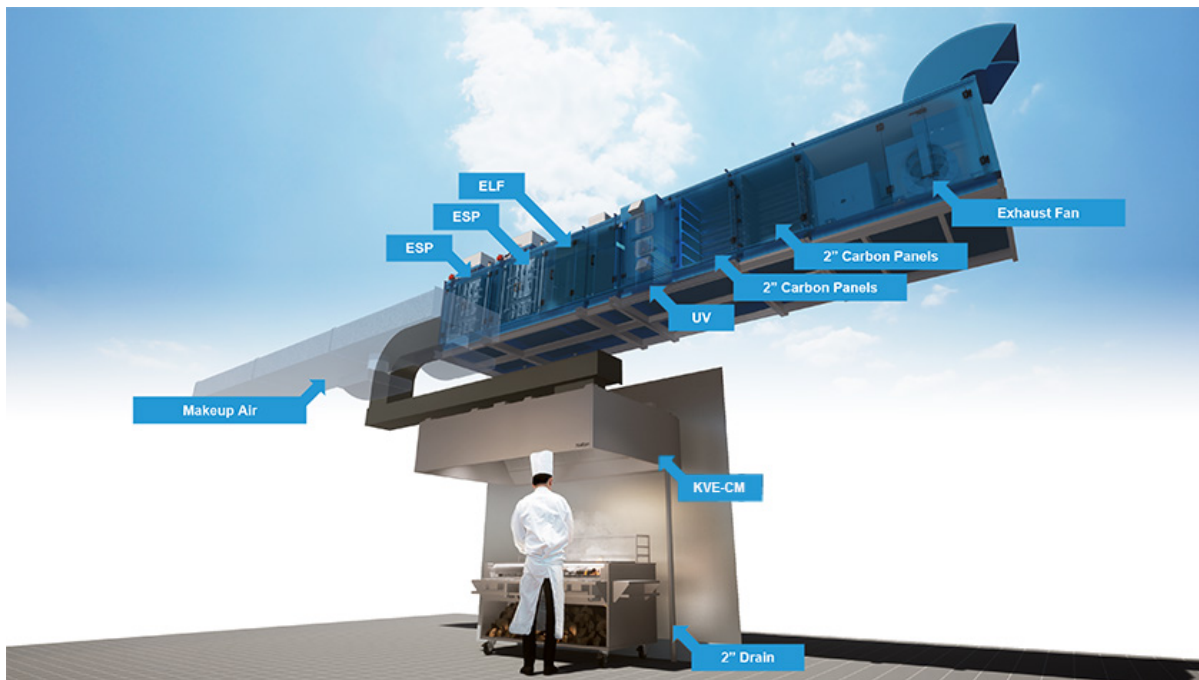
## Options

- Closure Panels – for canopies below ceiling level
- Backsplash
- Side Skirts
- KFR – Filter Removal Tool
- LED Dimmable Lighting
- MEP – Master Electrical Panels
- Face or Remote Mounted Switch Panels

- Factory Prepped Fire Protection
- Powder Coating in a Variety of Colors
- Custom/Design Stainless Steel Exterior Textures and Finishes
- Listed Exhaust Duct Balancing Damper
- Hood Mounted Fire Cabinet
- M.A.R.V.E.L. Demand Control w/VFD by Halton

## Solid Fuel Cooking Solution

### A Solution Engineered for Excellence



Halton's Solid Fuel Ventilation System is the culmination of expertise and innovation, designed to meet the stringent demands of commercial kitchens. The effluents generated by solid fuel cooking processes, including particulate matter, ash, embers, and smoke, require careful management. Our system's foundation is built on effective source capture – a critical step for proper ventilation. When paired with our [PolluStop](#) Solid Fuel pollution control system, we provide best a best in class solution for solid fuel cooking.

Once source capture is addressed with the Halton Continuous Mist Capture Jet hood, the effluent travels through the exhaust duct to be discharged outside. Due to the high volume of effluent and odors generated, a Halton [PolluStop](#) Solid Fuel Pollution Control system is used. The design of the PolluStop PCU incorporates several features explicitly used for a solid fuel application. [Contact us](#) today or visit <https://solidfuelcooking.halton.com> for more information!