

KVS – Kiosk ventilation system (UL)



Overview

- Filtered clean air can be 100% re-circulated or exhausted outdoors as clean exhaust air.
- All stainless steel construction.
- Easy to install and clean.
- The stainless steel air wall provides up to 50% of re-circulated air under the cooking equipment.
- The air wall provides a 3" (76mm) air space allowing zero clearance to combustible construction.
- An additional protected splash zone behind the equipment is not required.
- The KVS unit provides all the power and fuses with the controls and circuit protection for the cooking equipment.
- KVS is approved to operate with extended combinations of electric commercial cooking appliances, including broilers.
- A unique fire protection design provides total coverage allowing equipment movement and changes to take place without ever changing you fire protection nozzles
- The filtration tower can mount up to 30' (9.2m) away from the exhaust hood.
- KVS utilizes a box style UL/ULC listed hood mounted 6'-2" (1880mm) above finished floor.
- The hood filters are Halton GFIII UL/ULC listed, stainless steel 12" x 16" (305mm x 406mm) to facilitate easy cleaning.
- A heavy duty, belt driven BI fan, comes with adjustable pitch sheaves.

Specification

The ductless Kiosk Ventilation System shall be a Halton Model KVS recirculating system, UL/ULC listed. The system shall have a listed exhaust filter hood, complete with Halton stainless steel GFIII

UL/ULC listed filters, mounted 6'-2" (1880mm) from floor level. The filtration tower shall include filter's module, fan and motor, fire protection, odor control system and electrical cabinet.

The filtered, clean air shall be discharged back into the cooking area (or ducted outdoors), partially through the air wall vents and/ or through the air register mounted on the top of the unit. The assembly shall be stainless steel construction, with all exposed welds ground and polished to the original finish of metal. The system shall be fully self-supported, pre-piped and wire for a fully automated operation, factory tested and balanced. The installation shall comply with NFPA 96, Chapter 10.