



EVent® - Open Canopy Hood™

VentLess Recirculating Ventilation System For Use With Electric Cooking Equipment



Cooking equipment shown for illustrative purposes.

Part # 10-7112-OC

DESCRIPTION

The EVent® Open Canopy Hood™ is a self-contained ventilation system with an internal canopy width of 112" and a wall depth of 59". The system is designed for use with electric cooking equipment, including a vertical char-broiler, fryers, griddles, woks, and combi-ovens. It is constructed with a stainless steel chassis and enclosed duct work supported by a modular aluminum frame. The system uses an advanced air filtration system integrating washable grease baffles, a vaporizer, cyclonic and particulate filters, along with air purification employing ozone and wet cyclonic separation that captures and processes cooking vapor, returning clean air to an occupied space. A UV absorption monitor ensures ozone levels stay below 0.1ppm, and a pre-engineered Ansul fire suppression system with electric fire detection assures continuous fire protection.

FUNCTIONALITY

FILTRATION - The Event's self-contained filtration system uses a 5-stage process to reduce grease emissions that is UL 710B Listed and surpasses the EPA 202 test method. The initial filtration system captures cooking vapor using grease baffle and vaporizer filters that defuse captured air into the ventilation system. There, an ozone air stream transforms the vapor into carbon ash particles. These particles are entrained in a cyclonic separator with water spray which flows to a reservoir and is pumped to a drain without oil or grease particles. The cleaned air passes through a final set of particulate filters before being discharged back to the occupied space. There is no disposable filters, and daily maintenance requires washing the grease baffle, vaporizer, and particulate filters in a sink or dish machine. Air pressure sensors ensure efficient filter operation, and a UV absorption monitor guarantees ozone levels remain below 0.1ppm.

FIRE PROTECTION - The factory-installed Ansul Autopulse Z-10 Fire Suppression system comes complete with electric fire detection, liquid suppression holding tanks, the system control head, piping, nozzles, and a front-facing manual pull station. This fire protection system is UL and NFPA 96 recognized and adheres to the UL 300 Standard.

STANDARD FEATURES

- Advanced filtration system captures and obliterates grease laden cooking vapor and mitigates the discharge of cooking aromas.
- All washable stainless steel grease baffle and particulate filters, means no costly disposable filters.
- Interactive touchscreen control provides ventilation operational status and filters condition.
- Stainless steel construction and food-safe contact surfaces provide durability and ease of cleaning.
- Listed to the UL 710B - Standard for Safety Recirculating Systems.
- Vyy antimicrobial LED lighting technology under the canopy provides white light for operational cooking and violet light during non-operational time that works to eliminate mold, mildew, and odors.
- Pre-engineered factory installed Ansul fire protection system with electric fire detection.
- Fire protection control system includes a dry contact micro switches for connection to a central fire alarm system.
- Electric service requirement of 208V, 30AMP, 3-phase, WYE.
- Individual electric cooking appliances connect to a separate source of power, monitored by definite-purpose contractors on either 208V, or dry contact terminals.
- Limited One-Year Parts Warranty.

LISTINGS



Evo America, LLC 20360 SW Avery Ct., Tualatin, OR 97062
Phone 503-626-1802 • Fax 503-213-5869 • evoamerica.com • sales@evoamerica.com

Evo, and EVent is protected under U.S. Trademark, and Patents 6,189,530; 7,926,417; 7,825,353; 8,530,795; 10,139,113; 9,869,474; 9,903,595; 10,327,585; 10,842,540; 1,534,026 and U.S. Patents Pending.
Specifications Subject To Change Without Notice

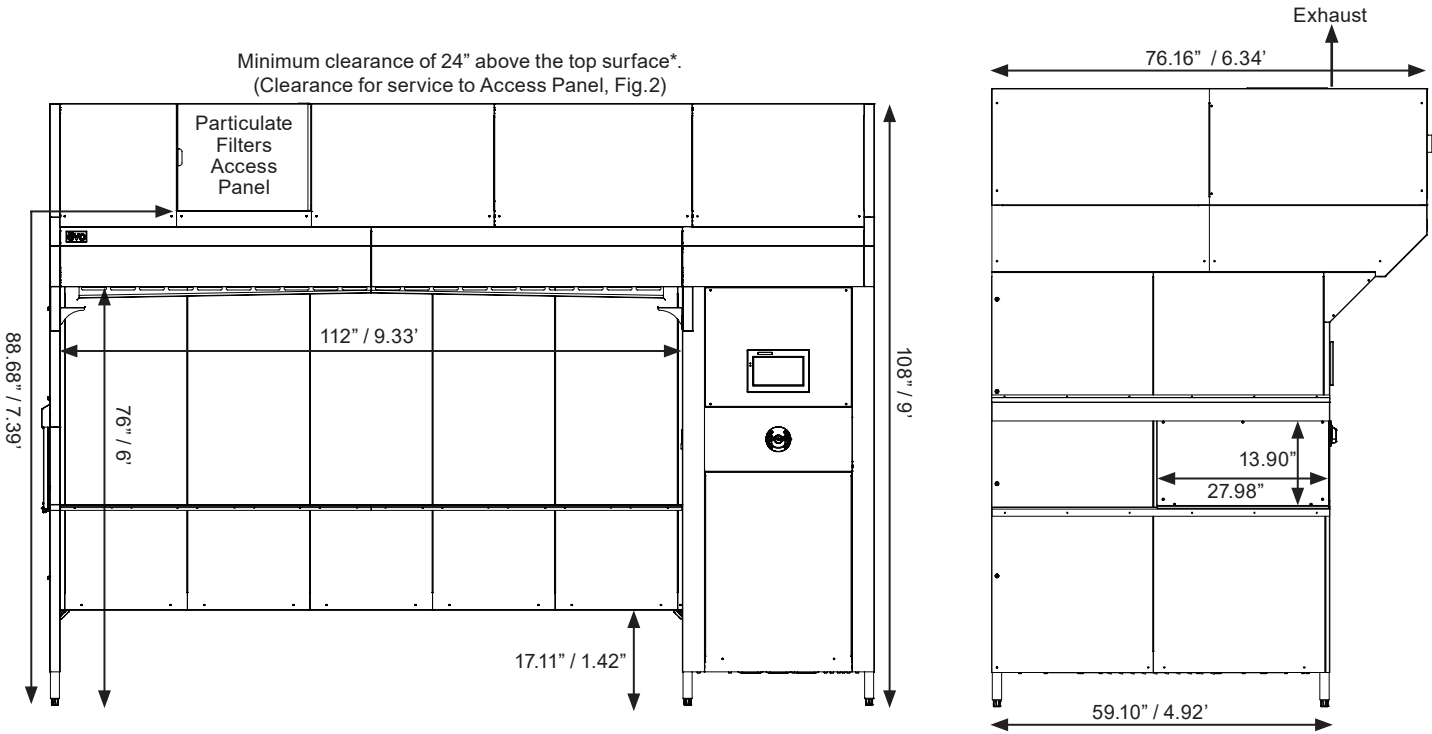
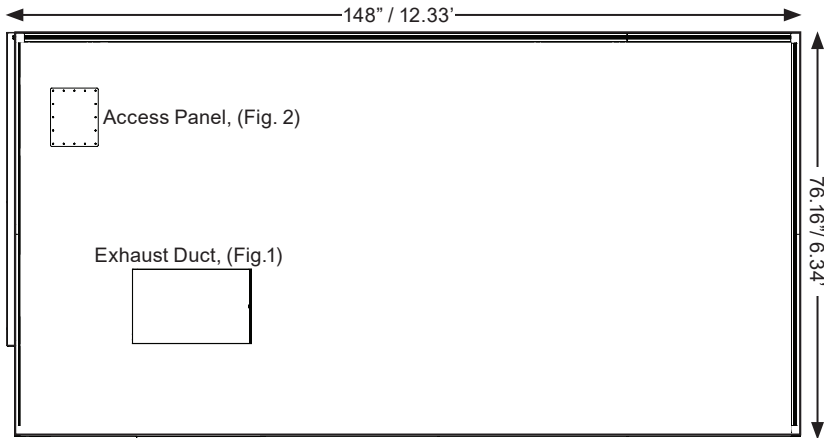
© Evo America, LLC 2024, All Rights Reserved

3/5/2024 BAS



EVent® - Open Canopy Hood™

VentLess Recirculating Ventilation System
For Use With Electric Cooking Equipment



Type	Model	Chassis Outside Dimensions				Voltage & Phase	Amps	Wire	Connection	Weight (Ship)
		H	W	D @ Bottom	D @ Top					
EVent®	Open Canopy Hood™	108" 2743mm	148" 3759mm	59.10" 1501mm	76.16" 1934mm	208V 3 Phase	30	3NAC	Direct Wire	1775

- Notes:
- 1) Inlet cold water GHT Female 3/4" at 50 PSI minimum, and outlet GHT Male 3/4 for direct connection to a drain (no grease trap required).
 - 2) Makeup air of 1500 CFM required.
 - 3) Makeup air exhaust must be located a minimum of 10' from the EVent Exhaust Duct, Fig. 1.
- * Please consult with Evo for special consideration for ceiling heights less than 132" but greater than 121".