

VERTICAL LAMINAR FLOW EXHAUST HOOD

STANDARD FEATURES:

- Unit construction: 304 stainless steel with #4 finish, 2" square structural 304 stainless steel frame with a brushed #4 finish, sanitary adjustable height leg-levelers 0" to 1½".
- Backward curved integral blower motor assembly.
- Electrical: 120V / 60hz / 1PH.
- HEPA filtration 99.99% efficient @ .3 microns.
- Knife-edge to gel-seal trough HEPA filter to prevent air bypass between filter and housing frame.
- Woven Polyethylene Air diffuser screens.
- Pre-filtration through 30% efficient disposable fiberglass filters.
- Work surfaces available in both stainless steel perforated and solid stainless steel with peripheral return air trough.
- LED lighting 60 FC @ work surface.
- Minihelic Differential Pressure Gauge 0-2" wg.
- Power and lighting on/off switches.
- Removable side panels for easy service installation.
- Counterbalanced vertical sliding sash.
- Rated performance 100 FPM +/- 10% @ .35 wg.

OPTIONAL FEATURES:

- 316L stainless steel construction with #4 finish.
- 100% HEPA Filtered exhaust discharge.
- Carbon filtered exhaust discharge.
- ULPA filtration 99.9995% efficient @ .12 microns.
- Hydrophobic HEPA & ULPA filtration.
- Automated sash positioning with safety sensor.
- Blower motor speed control "VFD" for velocity range adjustment.
- Aerosol challenge introduction port.
- Magnehelic Differential Pressure Gauge.
- Optional voltages in 230 v 60 hz 1 hp. (50 hz motor rating also available).
- AC ionization grid power pack.
- DC ionization pulse bar type with power pack.
- Pre-installed 8 ft. power cord and plug.
- Integral air flow monitor and audible visual alarm system.
- Vibration-isolated work surface mounting.
- Custom spectrum lighting.
- Ergonomic Hydraulic height adjustment.
- Full base cabinet (specify doors or drawers).
- Duplex outlets.
- Vertical sliding sash with horizontal slide panels.
- 10" duct collars for exhaust.
- Base Cabinet.
- Customized configurations CI-1 Div-1, CI-1 Div-2, CI-2 Div 1
- UL Label & inspection reports.
- OEL / OEB Level testing & certification reports.



NOTE:

- All filters are PAO or PSL challenged at factory to insure media integrity. Certificates of conformance are available upon request.
- Unit performance meets or exceeds standards as specified in Fed. Std. 209E/ISO-5, EU Grade A and IES-RP-CC-002.
- All electrical wiring is in conformance with NEC & NEMA standards.
- **Isolation Systems, Inc.** inspection reports are supplied in manual

MODEL	WORK AREA DIMENSIONS	OA HT	OA DEPTH	OA WIDTH	W/S AFF	FILTER SIZE	SHIP WT
HD-VLE-36	26"d x 36"w x 28" h	86"	33"	44"	30/36	22 x 30"	460 lb
HD-VLE-48	26"d x 48"w x 28"h	86"	33"	56"	30/36	22" x 44"	579 lb
HD-VLE-60	26"d x 60"w x 28"h	86"	33"	68"	30/36	22" x 24 (Qty-2)	779 lb
HD-VLE-72	26"d x 72"w x 28"h	86"	33"	80"	30/36	22" x 30" (Qty-2)	879 lb

**All information herein is subject to change without notice.*

**All catalog dimensions are nominal.*

**All shipping weights estimated.*



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