

POLYPROPYLENE VERTICAL LAMINAR FLOW EXHAUST HOOD



STANDARD FEATURES:

- Unit construction: ½" white stress relieved polypropylene.
- 1½" 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.
- Gasket sealed HEPA filter to prevent air bypass between filter and housing frame.
- Pre-filtration through 30% efficient disposable fiberglass filters.
- Work surfaces available in both perforated and solid reinforced polypropylene .
- LED lighting 60 FC @ work surface.
- Minihelic Differential Pressure Gauge 0-2" wg.
- Blower and lighting on/off switches.
- 12" Acrylic air flow shield.
- Rated performance 90 FPM +/- 20% @ .5 WG.

OPTIONAL FEATURES:

- Fire retardant polypropylene construction
- ULPA filtration 99.9995% efficient @ .12 microns.
- Blower motor speed control for velocity range adjustment.
- Automated sash positioning with safety sensor.
- Aerosol challenge introduction port.
- Magnehelic Differential Pressure Gauge.
- Optional voltages in 230 v 60 hz 1 ph, and 277 v 60 hz 1 ph. (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 visual alarm system.
- Vibration-isolated work surface mounting.
- Custom spectrum lighting.
- Full base cabinet.
- Duplex outlets.
- Counter balanced infinitely adjustable vertical sliding sash.
- Vertical sliding sash with horizontal slide panels.
- Customized configurations CI-1 Div-1, CI-1 Div-2, CI-2 Div 1

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 and IES-RP-CC-002.
- All electrical wiring is in conformance with NEC & NEMA standards.
- **Isolation Systems, Inc.** inspection reports available upon request.
- **Custom configurations are available upon request.**

MODEL	WORK AREA DIMENSIONS	SHIP WT
HD-PVLE-22	25¾"d x 24½"w x 28"h	320 lb
HD-PVLE-24	25¾"d x 48½"w x 28"h	579 lb
HD-PVLE-26	25¾"d x 72½"w x 28"h	779 lb
HD-PVLE-28	25¾"d x 97½"w x 28"h	879 lb

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

**All catalog dimensions are nominal.*

**All shipping weights estimated.*



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