

# 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 .
- Fluorescent lighting 100 FC @ work surface.
- Minihelic Gage 0-2” wg.
- Lighted power and lighting on/off switches.
- 12” Acrylic air flow shield
- Rated performance 90 FPM +/- 20% @ .5 WG.

## NOTE:

- All filters are 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 and IES-RP-CC-002.
- All electrical components are UL listed.
- All electrical wiring is in conformance with NEC & NEMA standards.
- **Isolation Systems, Inc.** inspection reports available upon request.
- Filter manufacturers certificates of conformance available upon request.
- Custom configurations are available upon request.

## OPTIONAL FEATURES

- Fire retardant polypropylene construction
- ULPA filtration 99.9995% efficient @ .12 microns.
- Blower motor speed control for velocity range adjustment.
- Aerosol challenge introduction port.
- Magnehelic 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.

MODEL #	WORK AREA DIM	FILTER SIZE	SHIP WT
PVLE-22	30”d x 24”w x 28¾”h	24” x 24”	380 lb
PVLE-24	25”d x 48”w x 28¾”h	24” x 48”	640 lb
PVLE-26	25”d x 72”w x 28¾”h	24” x 72”	840 lb
PVLE-28	25”d x 96”w x 28¾”h	24” x 96”	940 lb

All information herein is subject to change without notice  
All shipping weights estimated.

All catalog dimensions are nominal.

