

# POSITIVE PRESSURE SINGLE PASS VERTICAL LAMINAR FLOW 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 .
- Downflow HEPA filtration 99.99% efficient @ .3 microns.
- Discharge 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.
- ULPA filtration 99.9995% efficient @ .12 microns.
- Hydrophobic HEPA & ULPA filtration.
- Blower motor speed control for velocity range adjustment.
- Aerosol challenge introduction port.
- Automated sash positioning with safety sensor
- 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.
- Ergonomic Hydraulic height adjustment
- Full base cabinet (specify doors or drawers).
- Duplex outlets.
- Vertical sliding sash with horizontal slide panels.
- 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
- **Custom configurations are available upon request.**

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