

# VERTICAL LAMINAR FLOW RE-CIRCULATING HOOD

## STANDARD FEATURES

- Unit construction- 304 stainless steel with #4 finish. Interior back panel ¼" white polypropylene. Removable exterior side panels for easy service access.
- 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.
- Knife-edge to gel-seal trough HEPA filter to prevent air bypass between filter and housing frame.
- 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 Gage 0-2" wg.
- Lighted power and lighting on / off switches.
- Removable side panels for easy service installation.
- 12" Acrylic air flow shield.
- Rated performance 90 FPM +/- 20% @ .5 WG.
- 100% re-circulating.

## OPTIONAL FEATURES

- 316L stainless steel construction with #4 finish.
- 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.
- Custom colors available.
- Full base cabinet (specify doors or drawers).
- PVC or polypropylene-lined work area.
- Duplex outlets.
- Counter balanced infinitely adjustable vertical sliding sash.
- Vertical sliding sash with horizontal slide panels.
- Customized configurations



## 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 / 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.
- Filter manufacturers certificates of conformance available upon request.
- Custom configurations are available upon request.

MODEL #	WORK AREA DIM	DIM A	DIM B	DIM C	DIM D	FILTER SIZE	SHIP WT
VLR-22	25¾"d x 24½"w x 28"h	86	36	32	34	24" x 24"	320 lb
VLR-24	25¾"d x 48½"w x 28"h	86	36	56	34	24" x 48"	579 lb
VLR-26	25¾"d x 72½"w x 28"h	86	36	80	34	24" x 72"	779 lb
VLR-28	25¾"d x 97½"w x 28"h	86	36	104	34	24" x 96"	879 lb

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



all catalog dimensions are nominal.