

# VERTICAL LAMINAR DOWNFLOW HOOD WITH 100% HEPA / CARBON FILTERED EXHAUST

## STANDARD FEATURES:

- Unit construction: 304 stainless steel with #4 finish. Interior back panel ¼" white polypropylene. Removable exterior side panels for easy service access.
- 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. Both Supply and Exhaust
- 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 surface is 4 ga stainless steel with Front edge intake.
- LED lighting 60 FC @ work surface.
- Minihelic Differential Pressure Gauge 0-2" wg.
- Blower and lighting on/off switches.
- Bi-Fold Acrylic air flow shield.
- Rated performance 90 FPM +/- 20% @ .5 WG.
- Blower motor speed control for velocity range adjustment.

## OPTIONAL FEATURES:

- 316L stainless steel construction with #4 finish.
- ULPA filtration 99.9995% efficient @ .12 microns.
- Hydrophobic HEPA/ ULPA Filtration.
- Automated sash positioning with safety sensor.
- Magnehelic Differential Pressure Gauge.
- Optional voltages in 230 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 10ft. power cord and plug.
- Integral air flow monitor and audible visual alarm system.
- Vibration-isolated work surface mounting.
- Custom spectrum lighting.
- Full base cabinet (specify doors or drawers).
- PVC or polypropylene / Teflon lined work surface.
- GFI protected 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
- UL Label & inspection 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 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	OA HT	OA DEPTH	OA WIDTH	WS AFF	SHIP WT
HCLE-23-HFE	25¾"d x 36½"w x 28"h	86	30	44	30/36"	320 lb
HCLE-24-HFE	25¾"d x 48½"w x 28"h	86	30	56	30/36"	579 lb
HCLE-26-HFE	25¾"d x 60½"w x 28"h	86	30	68	30/36"	779 lb
HCLE-28-HFE	25¾"d x 72½"w x 28"h	86	30	80	30/36"	879 lb

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

*\*All catalog dimensions are nominal.*

*\*All shipping weights estimated.*



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