

VERTICAL LAMINAR DOWN FLOW SINGLE PASS STRADDLE WORK STATION

STANDARD FEATURES:

- Unit construction: 16 ga 304 stainless steel with #4 finish.
- Fully welded construction.
- HEPA filtration 99.99% efficient @ .3
- Knife-edge to gel-seal trough to prevent air bypass between HEPA filter and frame.
- Filter challenge sample and introduction ports.
- Pre-filtration through 30% efficient disposable poly fiber.
- Woven polyethylene air diffuser screens
- LED lighting 40 FC @ work surface.
- 3" square 304 stainless steel structural steel frame for free-standing configuration.
- 12 Ga. 304 stainless steel W/S
- Knock down for field assembly.
- Performance 90 FPM +/- 20% @ .5 WG.
- Electrical: 120v 60hz 1ph.
- Variable solid state blower motor speed control.
- Minihelic Differential Pressure Gauge to monitor system static pressure.
- Lighted on/off switches
- 8 ft. power cord.
- Adjustable leg levelers.

OPTIONAL FEATURES:

- 100% 16 ga. 316L stainless steel construction with #4 finish.
- ULPA filtration 99.9995% efficient @ .12 microns.
- Hydrophobic HEPA/ULPA filtration.
- 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.
- Integral work surface.
- Custom spectrum lighting.
- Acrylic, PVC or polypropylene side (please specify).
- U-frame for benchtop application.
- Acrylic half-sash.
- Audible visual low pressure alarm system.
- Low flow monitor and alarm.
- 6" swivel locking casters.
- Hydraulic ergonomic height adjustment.
- Epoxy work surface / Laminated ESD work surface.
- Black Phenolic work surface with rounded edges.
- Cl-1 Div-1, Cl-1 Div-2, Cl-2 Div 1
- UL Label & inspection reports.



NOTE:

- All filters are PAO or PSL challenged at factory to insure media integrity.
- Unit performance meets or exceeds standards as specified in Fed. Std. 209E/ISO-5, EU Grade A, ASHRAE 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	OA DIMENSIONS	W / S HT AFF	WORK AREA HT
HD-SLF-430	48"w x 30"d x 92"h	30" / 36"	30" / 36"
HD-SLF-436	48"w x 36"d x 92"h	30" / 36"	30" / 36"
HD-SLF-448	48"w x 48"d x 92"h	30" / 36"	30" / 36"
HD-SLF-630	72"w x 30"d x 92"h	30" / 36"	30" / 36"
HD-SLF-636	72"w x 36"d x 92"h	30" / 36"	30" / 36"
HD-SLF-648	72"w x 48"d x 92"h	30" / 36"	30" / 36"
HD-SLF-830	96"w x 30"d x 92"h	30" / 36"	30" / 36"
HD-SLF-836	96"w x 36"d x 92"h	30" / 36"	30" / 36"
HD-SLF-848	96"w x 48"d x 92"h	30" / 36"	30" / 36"

*All information herein is subject to change without notice.

*All catalog dimensions are nominal.



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