

CEILING SUSPENDED VERTICAL LAMINAR FLOW SYSTEMS - END INTAKE



STANDARD FEATURES

- Material of Construction: 16 ga 304 stainless steel with #4 finish.
- HEPA filtration 99.99% efficient @ .3 microns.
- HEPA filter gel seal to plenum to prevent air by-pass.
- HEPA filters are room side replaceable.
- Removable perforated 304 stainless steel protective screen down stream of HEPA filters.
- Recessed flush mounted BIAx lighting.
- 30% efficient pre-filtration, disposable poly fiber.
- Magnehelic gage to monitor system static pressure.
- Blower motor solid state variable speed control.
- Room side filter challenge introduction and sample ports.
- Lighted power and lighting on/off switches.
- Quite forward curved blowers, vibration isolated.
- Reinforced threaded suspension points on top side of plenum.

OPTIONAL FEATURES

- 316L stainless steel construction with #4 finish .
- ULPA filtration 99.9995% efficient @ .12 microns.
- Optional voltages in 230 v 60 hz 1 ph, and 277 v 60 hz 1 ph 460/230V / 60hz /1ph. (50 hz motor rating also available).
- Strip curtain with alternating clear to frosted strips.
- Solid clear curtain.
- Anti-static curtain.
- Modular return plenum.
- Audible Visual low pressure alarm system.
- Remote located control box.
- Class 1 Div 1 explosion proof.
- Tear drop fluorescent light fixtures.
- Sound attenuating liner.
- Custom sizes and 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 and IES-RP-CC-002.
- All electrical components are UL listed.
- All electrical wiring is in conformance with NEMA and NEC standards.
- All stainless steel materials use in the construction of this equipment conforms to AISI and SAE standards.
- **Isolation Systems, Inc.** inspection reports included in manuals.

MODEL	CLASS 100 AREA	OA DIMENSIONS
ECVLF-416	4' x 4'	78"d x 50"w x 24"h
ECVLF-424	4' x 6'	106"d x 50"w x 24"h
ECVLF-432	4' x 8'	134"d x 50"w x 24"h
ECVLF-636	6' x 6'	106"d x 78"w x 24"h
ECVLF-648	6' x 8'	134"d x 78"w x 24"h
ECVLF-864	8' x 8'	134"d x 102"w x 24"h
ECVLF-880	8' x 10'	162"d x 102"w x 24"h

All information herein is subject to change without notice.

All catalog dimensions are nominal.



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