CEILING SUSPENDED VERTICAL
LAMINAR FLOW SYSTEMS - TOP INTAKE

STANDARD FEATURES

- Material of Construction: 16 ga 304 stainless steel with #4 finish.

- HEPA filtration 99.99% efficient @ .3 microns.Hydrophobic

- 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 LED lighting.

- 40% efficient pre-filtration, disposable poly fiber.

- Minihelic 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 backward curved blowers, vibration isolated.

- Reinforced threaded suspension points on top side of plenum.

- Electrical : 120v / 60hz / 1ph operation

- Run indication light

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.

MODEL	CLASS 100 AREA	OA DIMENSIONS
TCVLF-416	4' x 4'	56"d x 56"w x 24"h
TCVLF-424	4' x 6'	56"d x 82"w x 24"h
TCVLF-432	4' x 8'	56"d x 108"w x 24"h
TCVLF-636	6' x 6'	82"d x 78"w x 24"h
TCVLF-648	6' x 8'	82"d x 108"w x 24"h
TCVLF-864	8' x 8'	108"d x 108"w x 24"h
TCVLF-880	8' x 10'	108"d x 134"w x 24"h

all catalog dimensions are nominal.

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 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.

All information herein is subject to change without notice.

ISI
Isolation Systems Inc.