

HORIZONTAL LAMINAR CROSS FLOW SYSTEMS



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 bypass.
- 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.

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).
- Modular return plenum.
- Audible Visual low pressure alarm system.
- Remote located control box.
- Class 1 Div 1 explosion proof.
- Sound attenuating liner.
- Custom sizes and configurations.

MODEL	CLASS 100 AREA	OA DIMENSIONS
CFS-416	4' x 4'	22"d x 58"w x 74 h
CFS-424	4' x 6'	22"d x 58"w x 98"h
CFS-432	4' x 8'	22"d x 58"w x 122"h
CFS-636	6' x 6'	22"d x 82"w x 98"h
CFS-648	6' x 8'	22"d x 82"w x 122"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.



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