



CleanAir Solutions, Inc.

The Cleanroom Specialists

FLOW Series

Vertical laminar table top unit with HEPA/ULPA filtration protects materials inside the cabinet from particulates. High airflow capacity. Configurable with a broad range of options customized to your specific application. Easy-to-change filters. Available in 2', 3' and 4' widths. CAS® FLOW-24, shown.



PRODUCT FEATURES:

- A. Task Lighting: Fluorescent cabinet lamp located away from laminar flow area.
- B. Filter: Camfill Farr main HEPA filter with 99.99% efficiency for 0.3 micron particulates (ULPA optional).
- C. Pass Through Ports: Convenient rear-wall pass through ports for safe routing of instrument cords, cables and leads.
- D. Fan: High-performance centrifugal fan.
- E. Disposable Pre-Filter: Accessible from the chamber exterior top to contain the release of any particulates that it traps.
- F. Filter Door Lock: Prevents unauthorized removal or accidental exposure to dirty Alters.

OTHER FEATURES:

360 Degree Visibility: Clear back and side panels allow ambient illumination into the chamber and provide users with an unobstructed view of its contents.
Standards Compliant: Performance specifications and construction meet or exceed OSHA, ANSI and relevant international standards to assure operator safety.
Construction: All models are available in either metal or polypropylene construction, specify when ordering. Available in 120V, 60Hz or 220V, 50Hz models. CAS® FLOW™-24, shown.



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PureFlow VLF:

Overview of PureFlow Laminar Flow Cabinets PureFlow VLF cabinets provide vertical airflow and are available in 2', 3', 4', 5', 6' and 8' widths for general applications. PureFlow HLF cabinets provide horizontal airflow and are available in 2', 3', 4', 5', 6' and 8' widths in standard and extra tall heights for general applications. HLF-72; shown with optional mobile base stand.



PRODUCT FEATURES:

- A. Cabinet lighting located away from laminar flow area.
- B. Optional Ultraviolet lamp to sterilize and decontaminate work zone and cabinet contents between operating periods.
- C. Optional Night Door/Cover to protect cabinet interior when blowers are off. Contains UV radiation when UV activated.
- D. Disposable polyester fiber pre-filter with 85% resistance.
- E. Long-life Camfil-Farr ULPA main filter with efficiency of 99.999% at particle sizes between 0.1 to 0.3 μ m.F. Side window that allows ambient illumination into the chamber and provides users with an unobstructed view of its contents from three sides.
- G. GFCI outlet to power equipment in cabinet.
- H. External rotor blower.
- I. Control panel On/Off switch for fan, lighting, GFCI outlets, Mini-helic ULPA pressure gauge to measure filter performance, UV lamp key switch.
- J. Fan speed control.
- K. Base Stand: Optional mobile cart with locking casters, includes a convenient lower shelf.
- L. Stainless steel Work Surface with ULPA filter spill-retention lip on HLF units.
- M. Ergonomically angled front improves reach and comfort.
- N. Anti-microbial coating on all painted metal surfaces minimizes contamination – white color.
- O. Protected work zone environment created for optimum product performance.
- P. Optional IV Bar with "S" hooks.
- Q. Optional petcock service fixture (Maximum 4 per unit). VLF-48, shown with optional mobile base stand and other selected options.