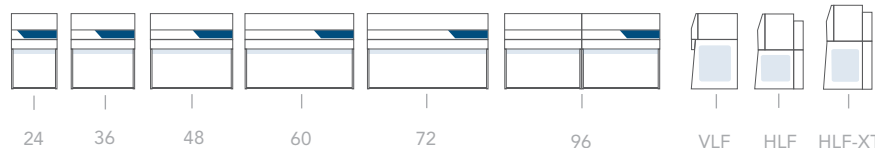# Air Science®

# Purair® LF

## General Purpose Laminar Flow Cabinets

- Horizontal and Vertical

- Provides Reliable Protection for Samples and Work Processes for Numerous Applications

*Purair LF Series model VLF-48*

LF Series

Product   Particulate

24   36   48   60   72   96   VLF   HLF   HLF-XT

## INTRODUCTION

Air Science® Purair® Laminar Flow cabinets are designed to protect equipment and other contents of the work zone from particulates.

The series includes Vertical Laminar Flow (VLF) cabinets and Horizontal Laminar Flow (HLF) cabinets and is ideally suited for use with non-hazardous contaminants when flexible access to equipment in the work zone is desired.

At the heart of the Purair Laminar Flow cabinet product line is the Air Science Multiplex™ ULPA Filtration technology which creates a clean work environment over a wide range of applications.

## APPLICATIONS

Purair Laminar Flow cabinets are suitable for applications that generate no biohazardous materials and do not require operator protection. Mycology and Food Microbiology \ Plant and Mammalian Cell Culture \ Clinical Pharmacy and Hospitals \ Cleanrooms \ Semiconductor Assembly \ Pharmaceutical \ Aerospace \ Medical Device Assembly \ Research Laboratories

## KEY FEATURES

- Provides sterile work zone for aseptic techniques.
- Air cleanliness meets and exceeds ISO Class 4.
- All models use ULPA filters (99.999% efficient at particle sizes between 0.1 to 0.3 μm).
- Available in horizontal or vertical flow configurations.
- All models equipped with a stainless steel work surface.

## PERFORMANCE ADVANTAGE

Each Air Science Purair Laminar Flow cabinet includes features expressed through sound design and certified quality construction.

**Professional Quality.** Air Science cabinets comply with current technical and safety regulations.

**Advanced Filtration.** Air Science Multiplex ULPA Filtration provides high performance protection.

**Industrial Components.** The cabinet frame and work surfaces are durable and chemically resistant for long service life. All cabinet components are cleanroom compatible.
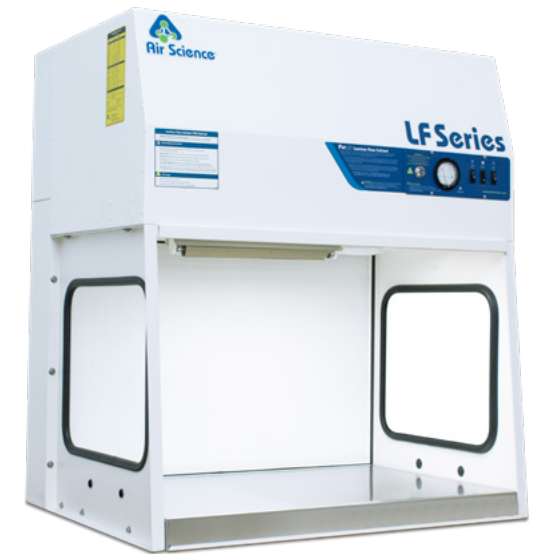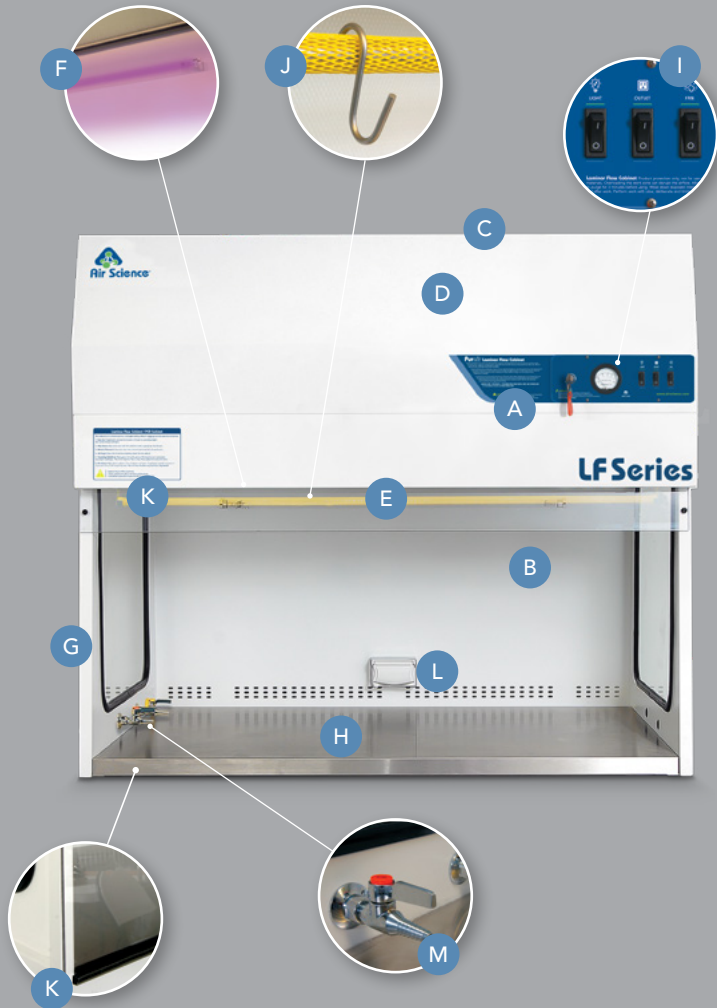
*Purair LF Series HLF-36*

*Deep into its second generation, Air Science embraces the diversity and cultural heritage of the founders and co-workers who are continuing a tradition of excellence. Demonstrating a commitment to adaptation, inclusion and quality output from a United States-based company with a domestic and global reach.*

Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.

## DESIGN FEATURES

**A.** Control Panel: The control panel includes On/Off switch for fan, lighting, GFCI outlets, Minihelic ULPA pressure gauge to measure filter condition, UV lamp key switch.

**B.** Main Filter: Long-life Camfil Farr ULPA main filter with efficiency of 99.999% at particle sizes between 0.1 to 0.3 μm.

**C.** Pre-Filter: Disposable polyester fiber pre-filter with 85% arrestance.

**D.** Blower Motor: External rotor blower.

**E.** Lighting: Compact LED cabinet lamp located away from laminar flow area.

**F.** UV Lamp: Optional ultraviolet (UV) lamp to create light emission conditions known to safely sterilize and decontaminate work zone and cabinet contents between operating periods.

**G.** Ergonomic Design: Ergonomically angled front improves reach and comfort.

**H.** Work Surface: Stainless steel work surface with no spill retention.

**I.** Fan Control: Recessed fan speed control.

**J.** IV Bar: Optional IV bar with "S" hooks.

**K.** Night Door: Optional night door/cover to protect cabinet interior when blowers are off. Contains UV radiation when UV activated.

**L.** Power Supply: GFCI outlet to power equipment in cabinet.

**M.** Service Fixtures: Optional petcock service fixture (maximum 4 per unit).

## ADDITIONAL FEATURES

Visibility: Side windows allow ambient light into the chamber and provide users with three points of visibility for an unobstructed view of contents. (Not available on stainless steel models.)

**USP 797** Sterile Compounding Compliant: When used according to best practices, the Purair LF Series cabinet encourages compliance with criteria set forth by USP 797 for sterile preparation in pharmaceutical compounding of nonhazardous agents.

These include injectables, IV admixtures, pastes and ointments and irrigating solutions which are protected by filtered air blown over the work surface in a laminar flow.

Construction: Choose from standard powder coated interior with stainless steel work surface and side windows or optional stainless steel interior (-SS model). Available in 120V, 60Hz and 230V, 50Hz models.

*VLF-48, shown with optional mobile base stand and other selected options.*

Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.

Options and accessories add functional performance to meet specific applications. Accessories include an IV bar, service fixtures, base stand, UV lamp and front door/cover.



24    36    48    60    72    96    VLF    HLF    HLF-XT

## PERFORMANCE

Air Science Multiplex ULPA Filtration provides high performance protection.

The main filter gasket evenly seals the filter face to prevent bypass air leakage. Our pour-in-place silicone gasket out performs traditional style stick-on "dove-tail" gasketing.

The high capacity air handling system delivers flow velocity of 0.4 m/s (80 fpm).

Purair VLF and HLF cabinets have an ULPA filter pressure gauge to measure filter performance.

## DESIGN

Air Science Laminar Flow cabinets incorporate an external rotor blowers. The energy efficient design reduces operating costs and has low noise and vibration levels.

Products are designed for desktop use or installation on the optional mobile base stand.

The rear wall of **vertical flow cabinets** is perforated to reduce work surface turbulence by removing some of the airflow to the rear.
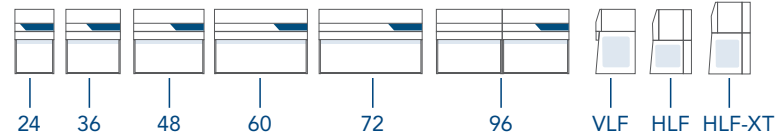
## SELECTION

Purair Laminar Flow cabinets are available in vertical and horizontal configurations with various sizes and options for a total of 36 models to choose from in 6 different widths. Select from standard powder coated interior or stainless steel interior (-SS models).

## CONTROL

The **standard control panel** features On/Off switches for blower, lighting, GFCI outlets, in addition to a Minihelic ULPA pressure gauge to measure filter performance.

The **standard UV control panel** includes the same features as the standard control panel with the addition of a UV lamp key.



*Standard Controller*



*UV Controller*

## RELIABILITY

Each cabinet is factory tested for safety and performance in accordance with international standards.

Purair Laminar Flow cabinets are shipped fully assembled. No installation is required; just plug them in and use them.



*Through our partner company Filtco Filters, Air Science is a single source supplier of all pre-filters, carbon filters and HEPA/ULPA filters used in our products.*

Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.
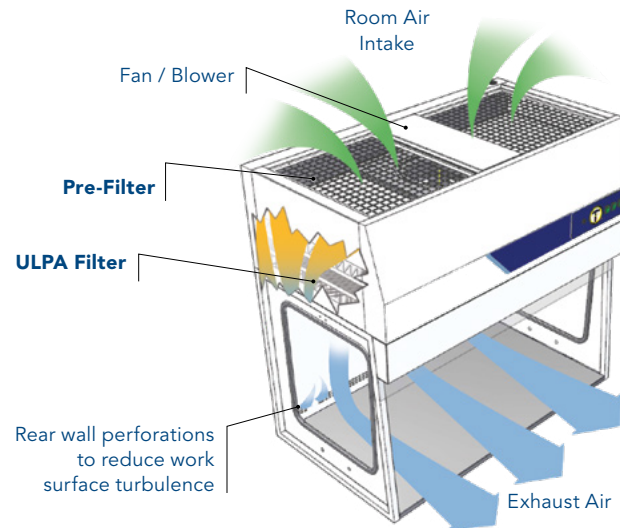
## AIRFLOW

Both VLF and HLF Purair LF Series Laminar Flow cabinets offer the same level of quality and performance. When deciding between a VLF or HLF cabinet the differences come down to personal preference for your specific application.

### Vertical Airflow

- The airflow on the Purair Purair LF Series vertical flow cabinets directly strikes the work surface.

- Vertical laminar flow cabinets are manufactured with rear wall perforations that remove a small amount of air at the rear of the cabinet to reduce turbulence.

- In vertical flow cabinets, the ULPA filter is mounted above the work surface which provides a taller and deeper work space. This allows for larger equipment in the work zone without interrupted airflow.

- Vertical flow cabinets are more easily customized to specific applications.

### Horizontal Airflow

- In horizontal flow cabinets the airflow does not directly impinge on the work surface but rather is smoothly drawn across it. This creates less turbulence.

- Airflow in a horizontal flow cabinet exits directly towards the user.

- Large or tall equipment in a horizontal flow cabinet can interrupt airflow more than in a vertical flow cabinet. This may create more turbulence and possible "dead" spots where airflow is lower.



Room Air Intake — Fan / Blower — Pre-Filter — ULPA Filter — Rear wall perforations to reduce work surface turbulence — Exhaust Air



Room Air Intake — Fan / Blower — Pre-Filter — ULPA Filter — Exhaust Air

**Vertical Airflow:**
**1.** *Room air enters from the top of the cabinet through a disposable pre-filter; this traps larger particles and increases filter life.* **2.** *Air is forced evenly across the ULPA filter in a stream of clean, uniform air within the work zone. This dilutes and flushes airborne contaminants from the interior.* **3.** *A nominal filter face velocity of 0.4 m/s (80 fpm) ensures a sufficient number of air changes to maintain cleanliness within the work zone.* **4.** *The purified air travels down to the work zone in a vertical, unidirectional downflow stream, exiting the work zone across the entire open cabinet front area after deflecting off the work surface. Rear wall perforations are designed to reduce work surface turbulence and minimize the possibility of dead air corners in the work zone.*
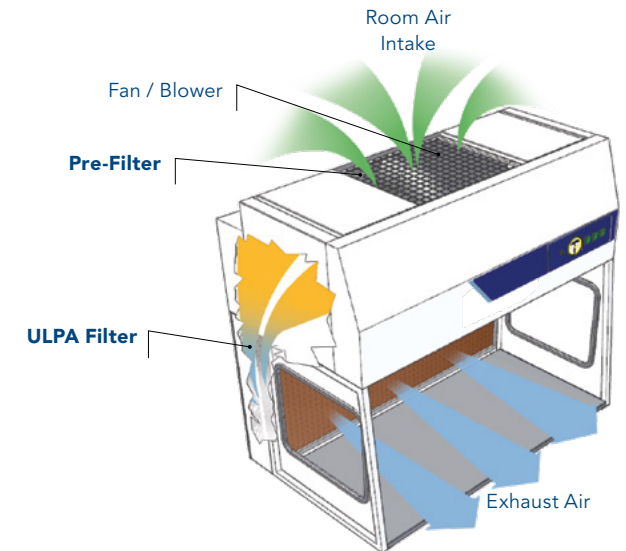
**Horizontal Airflow:**
**1.** *Purair Laminar Flow Cabinets maintain a 0.4 m/s (80 fpm) airflow velocity, measured 6"/150 mm from the filter. This face velocity is in compliance with USA and international standards for safety and performance. The ULPA filters are easy to replace with common tools.* **2.** *Room air enters from the top of the cabinet through a disposable pre-filter; this traps larger particles and increases filter life.* **3.** *Air is forced evenly across the ULPA filter in a stream of clean, uniform air within the work zone. This dilutes and flushes airborne contaminants from the interior.* **4.** *A nominal filter face velocity of 0.4 m/s (80 fpm) ensures a sufficient number of air changes to maintain cleanliness within the work zone.* **5.** *The purified air travels across the work zone in a horizontal, unidirectional stream and exits the work zone across the entire open cabinet front.*
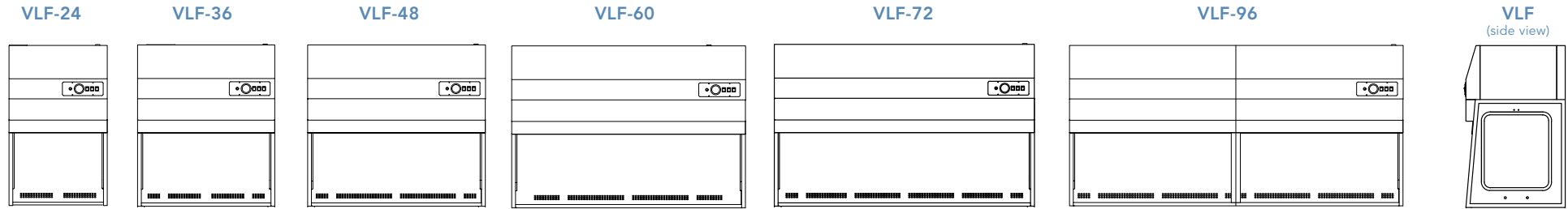


*Purair Laminar Flow cabinets maintain a 0.35-0.45 m/s (80-100 fpm) airflow velocity measured 6"/150 mm from the filter.*

*This face velocity is in compliance with USA and international standards for safety and performance. The ULPA filters are easy to replace with common tools.*

# PurairLF

| VLF-24 | VLF-36 | VLF-48 | VLF-60 | VLF-72 | VLF-96 | VLF (side view) |
|--------|--------|--------|--------|--------|--------|-----------------|

| MODEL | | DIMENSIONS | | | | | WEIGHT (LBS/KG) | |
|---|---|---|---|---|---|---|---|---|
| Metal Interior | Stainless Interior | Nominal Width | Internal Height* | Internal Depth | External (W × D × H) | Shipping (W × D × H) without base stand | Net | Ship |
| **Vertical Laminar Flow Cabinets** | | | | | | | | |
| **VLF-24** | **VLF-24-SS** | 24" / 610 mm | 27.3" / 694 mm | 28.25" / 718 mm | 28.4" × 29.25" × 47.25" / 721 × 743 × 1200 mm | 40" × 44" × 54" / 1016 × 1118 × 1372 mm | 181 / 82 | 288 / 131 |
| **VLF-36** | **VLF-36-SS** | 36" / 914 mm | 27.3" / 694 mm | 28.25" / 718 mm | 40.4" × 29.25" × 47.25" / 1026 × 743 × 1200 mm | 45" × 44" × 54" / 1143 × 1118 × 1372 mm | 268 / 122 | 371 / 168 |
| **VLF-48** | **VLF-48-SS** | 48" / 1219 mm | 27.3" / 694 mm | 28.25" / 718 mm | 52.4" × 29.25" × 47.25" / 1331 × 743 × 1200 mm | 60" × 44" × 54" / 1524 × 1118 × 1372 mm | 322 / 146 | 478 / 217 |
| **VLF-60** | **VLF-60-SS** | 60" / 1524 mm | 27.3" / 694 mm | 28.25" / 718 mm | 64.4" × 29.25" × 47.25" / 1636 × 743 × 1200 mm | 70" × 44" × 54" / 1778 × 1118 × 1372 mm | 401 / 182 | 525 / 238 |
| **VLF-72** | **VLF-72-SS** | 72" / 1829 mm | 27.3" / 694 mm | 28.25" / 718 mm | 76.4" × 29.25" × 47.25" / 1941 × 743 × 1200 mm | 91" × 44" × 54" / 2311 × 1118 × 1372 mm | 478 / 217 | 595 / 270 |
| **VLF-96** | **VLF-96-SS** | 96" / 2438 mm | 27.3" / 694 mm | 28.25" / 718 mm | 104" × 29.25" × 47.25" / 2642 × 743 × 1200 mm | 110" × 44" × 54" / 2794 × 1118 × 1372 mm | 620 / 281 | 745 / 338 |

*Measured from the bottom of the head unit to the top of the worksurface.*
*Specifications are subject to change without notice.*

Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.

# PurairLF

**Laminar Flow Cabinets** 24 • 36 • 48 • 60 • 72 • 96

SPECIFICATIONS

HLF-24    HLF-36    HLF-48    HLF-60    HLF-72    HLF-96    HLF (side view)

| MODEL | | DIMENSIONS | | | | | WEIGHT (LBS/KG) | |
|---|---|---|---|---|---|---|---|---|
| Metal Interior | Stainless Interior | Nominal Width | Internal Height* | Internal Depth | External (W × D × H) | Shipping (W × D × H) | Net | Ship |

**Horizontal Laminar Flow Cabinets**

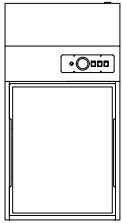| Metal Interior | Stainless Interior | Nominal Width | Internal Height* | Internal Depth | External (W × D × H) | Shipping (W × D × H) | Net | Ship |
|---|---|---|---|---|---|---|---|---|
| HLF-24 | HLF-24-SS | 24" / 610 mm | 22.8" / 579 mm | 23.75" / 603 mm | 25.25" × 29.5" × 42.9" / 641 × 749 × 1091 mm | 40" × 44" × 54" / 1016 × 1118 × 1372 mm | 170 / 77 | 280 / 127 |
| HLF-36 | HLF-36-SS | 36" / 914 mm | 22.8" / 579 mm | 23.75" / 603 mm | 37.25" × 29.5" × 42.9" / 946 × 749 × 1091 mm | 45" × 44" × 54" / 1143 × 1118 × 1372 mm | 246 / 112 | 371 / 168 |
| HLF-48 | HLF-48-SS | 48" / 1219 mm | 22.8" / 579 mm | 23.75" / 603 mm | 49.25" × 29.5" × 42.9" / 1251 × 749 × 1091 mm | 60" × 44" × 54" / 1524 × 1118 × 1372 mm | 289 / 131 | 478 / 217 |
| HLF-60 | HLF-60-SS | 60" / 1524 mm | 22.8" / 579 mm | 23.75" / 603 mm | 61.25" × 29.5" × 42.9" / 1556 × 749 × 1091 mm | 70" × 44" × 54" / 1778 × 1118 × 1372 mm | 344 / 156 | 494 / 224 |
| HLF-72 | HLF-72-SS | 72" / 1829 mm | 22.8" / 579 mm | 23.75" / 603 mm | 73.25" × 29.5" × 42.9" / 1861 × 749 × 1091 mm | 91" × 44" × 54" / 2311 × 1118 × 1372 mm | 439 / 199 | 595 / 270 |
| HLF-96 | HLF-96-SS | 96" / 2438 mm | 22.8" / 579 mm | 23.75" / 603 mm | 98.5" × 29.5" × 42.9" / 2502 × 749 × 1091 mm | 110" × 44" × 54" / 2794 × 1118 × 1372 mm | 725 / 329 | 878 / 398 |

*Measured from the bottom of the head unit to the top of the worksurface.*
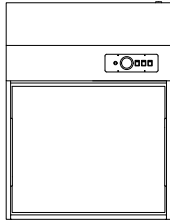*Specifications are subject to change without notice.*

Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.

# PurairLF

**Laminar Flow Cabinets**  24 • 36 • 48 • 60 • 72 • 96
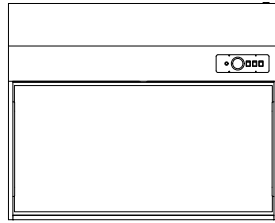
SPECIFICATIONS

8
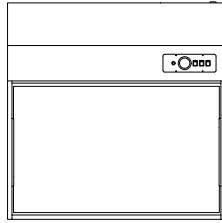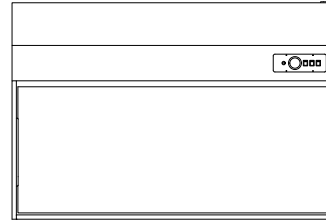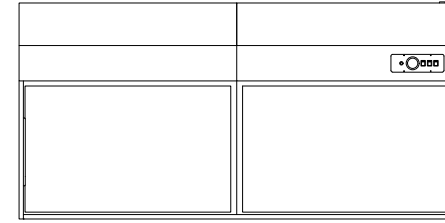
| HLF-24XT | HLF-36XT | HLF-48XT | HLF-60XT | HLF-72XT | HLF-96XT | HLF-XT (side view) |

| MODEL | | DIMENSIONS | | | | | WEIGHT (LBS/KG) | |
|---|---|---|---|---|---|---|---|---|
| Metal Interior | Stainless Interior | Nominal Width | Internal Height | Internal Depth | External (W × D × H) | Shipping (W × D × H) | Net | Ship |
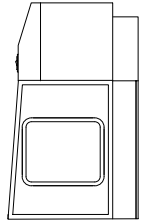
**Horizontal Laminar Flow Cabinets with Extra Tall Option**

| Metal Interior | Stainless Interior | Nominal Width | Internal Height | Internal Depth | External (W × D × H) | Shipping (W × D × H) | Net | Ship |
|---|---|---|---|---|---|---|---|---|
| HLF-24XT | HLF-24XT-SS | 24" / 610 mm | 28.9" / 734 mm | 23.75" / 603 mm | 25.25" × 29.5" × 49" / 641 × 749 × 1246.5 mm | 40" × 44" × 60" / 1016 × 1118 × 1524 mm | 191 / 87 | 295 / 134 |
| HLF-36XT | HLF-36XT-SS | 36" / 914 mm | 28.9" / 734 mm | 23.75" / 603 mm | 37.25" × 29.5" × 49" / 946 × 749 × 1246.5 mm | 45" × 44" × 60" / 1143 × 1118 × 1524 mm | 266 / 121 | 391 / 177 |
| HLF-48XT | HLF-48XT-SS | 48" / 1219 mm | 28.9" / 734 mm | 23.75" / 603 mm | 49.25" × 29.5" × 49" / 1251 × 749 × 1246.5 mm | 60" × 44" × 60" / 1524 × 1118 × 1524 mm | 319 / 145 | 508 / 230 |
| HLF-60XT | HLF-60XT-SS | 60" / 1524 mm | 28.9" / 734 mm | 23.75" / 603 mm | 61.25" × 29.5" × 49" / 1556 × 749 × 1246.5 mm | 70" × 44" × 60" / 1778 × 1118 × 1524 mm | 375 / 170 | 525 / 238 |
| HLF-72XT | HLF-72XT-SS | 72" / 1829 mm | 28.9" / 734 mm | 23.75" / 603 mm | 73.25" × 29.5" × 49" / 1861 × 749 × 1246.5 mm | 91" × 44" × 60" / 2311 × 1118 × 1524 mm | 479 / 217 | 635 / 288 |
| HLF-96XT | HLF-96XT-SS | 96" / 2438 mm | 28.9" / 734 mm | 23.75" / 603 mm | 98.5" × 29.5" × 49" / 2502 × 749 × 1246.5 mm | 110" × 44" × 60" / 2794 × 1118 × 1524 mm | 585 / 265 | 746 / 338 |

*Specifications are subject to change without notice.*

Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.

## PRODUCT SPECIFICATIONS

| Airflow Pattern | Vertical | Horizontal | | |
|---|---|---|---|---|
| | VLF-24 \| VLF-36<br>VLF-48 \| VLF-60<br>VLF-72 \| VLF-96 | HLF-24 \| HLF-36<br>HLF-48 \| HLF-60<br>HLF-72 \| HLF-96 | HLF-24XT \| HLF-36XT<br>HLF-48XT \| HLF-60XT<br>HLF-96XT | HLF-72XT |
| **Filtration** | | | | |
| Airflow[1] | <··· 0.4 m/s (80 fpm). ···> | | | |
| Pre-Filter | <··· Disposable polyester fibers with 85% arrestance. ···> | | | |
| Main Filter | <··· ULPA, 99.999% efficient at particle sizes between 0.1 to 0.3 μm. ···> | | | |
| Clamping | <··· Spring loaded, adjustable tension adjusts for gasket aging. ···> | | | |
| **Construction** | | | | |
| Finish (exterior) | <··· White epoxy coated steel frame. ···> | | | |
| Finish (interior) | <··· Standard models, powder coated interior. -SS models, stainless steel interior. ···> | | | |
| Windows | <··· Tempered glass, transparant, not available on SS models. ···> | | | |
| Blower | <··· External rotor motor, permanently lubricated, low noise and vibration levels. ···> | | | |
| Controls | <··· Main On/Off switch; Solid state fan speed control with RFI filer; UV timer and key switch if included, specify when ordering. ···> | | | |
| Electrical | <··· 120V, 60Hz or 230V, 50Hz voltages available. Specify when ordering. Other voltage options available. ···> | | | |
| Work Surface | <··· Stainless steel. ···> | | | |
| GFCI outlet | <··· Standard, 5A maximum. ···> | | | |
| Monitoring | <··· Minihelic ULPA pressure gauge. ···> | | | |
| **Efficiency** | | | | |
| Lighting | <··· LED. ···> | | | |

[1]  Average airflow measured 6"/150 mm from filter face.

Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.

## OPTIONS & ACCESSORIES

| Air Science Model | | Vertical<br>VLF-24 \| VLF-36<br>VLF-48 \| VLF-60<br>VLF-72 \| VLF-96 | Horizontal<br>HLF-24 \| HLF-36<br>HLF-48 \| HLF-60<br>HLF-72 \| HLF-96 | Horizontal, Tall<br>HLF-24XT \| HLF-36XT<br>HLF-48XT \| HLF-60XT<br>HLF-72XT \| HLF-96XT |
|---|---|---|---|---|
| Work Surface (Static Dissipative) | Work surface composite resists and dissipates static charges to protect sensitive work product. | TRAY-VLF-24-SDW \| TRAY-VLF-36-SDW<br>TRAY-VLF-48-SDW \| TRAY-VLF-60-SDW<br>TRAY-VLF-72-SDW \| TRAY-VLF-96-SDW | TRAY-HLF-24-SDW \| TRAY-HLF-36-SDW<br>TRAY-HLF-48-SDW \| TRAY-HLF-60-SDW<br>TRAY-HLF-72-SDW \| TRAY-VLF-96-SDW | TRAY-HLF-24-SDW \| TRAY-HLF-36-SDW<br>TRAY-HLF-48-SDW \| TRAY-HLF-60-SDW<br>TRAY-HLF-72-SDW \| TRAY-VLF-96-SDW |
| Base Stand, Mobile, with Casters | Floor-standing base for cabinet with locking castors 860 mm (34") height. | CART-VLF-BW-24 \| CART-VLF-BW-36<br>CART-VLF-BW-48 \| CART-VLF-BW-60<br>CART-VLF-BW-72 \| CART-VLF-BW-96 | CART-HLF-BW-24 \| CART-HLF-BW-36<br>CART-HLF-BW-48 \| CART-HLF-BW-60<br>CART-HLF-BW-72 \| CART-HLF-BW-96 | CART-HLF-BW-24 \| CART-HLF-BW-36<br>CART-HLF-BW-48 \| CART-HLF-BW-60<br>CART-HLF-BW-72 \| CART-HLF-BW-96 |
| Base Stand, Mobile, with Leveling Feet | Floor-standing base for cabinet with leveling feet 860 mm (34") height. | CART-VLF-BL-24 \| CART-VLF-BL-36<br>CART-VLF-BL-48 \| CART-VLF-BL-60<br>CART-VLF-BL-72 \| CART-VLF-BL-96 | CART-HLF-BL-24 \| CART-HLF-BL-36<br>CART-HLF-BL-48 \| CART-HLF-BL-60<br>CART-HLF-BL-72 \| CART-HLF-BL-96 | CART-HLF-BL-24 \| CART-HLF-BL-36<br>CART-HLF-BL-48 \| CART-HLF-BL-60<br>CART-HLF-BL-72 \| CART-HLF-BL-96 |
| Base Stand, Mobile, Motorized | Floor-standing base for cabinet with motorized height adjustment and leveling feet. | CART-VLF-BM-24 \| CART-VLF-BM-36<br>CART-VLF-BM-48 \| CART-VLF-BM-60<br>CART-VLF-BM-72 \| CART-VLF-BM-96 | CART-HLF-BM-24 \| CART-HLF-BM-36<br>CART-HLF-BM-48 \| CART-HLF-BM-60<br>CART-HLF-BM-72 \| CART-HLF-BM-96 | CART-HLF-BM-24 \| CART-HLF-BM-36<br>CART-HLF-BM-48 \| CART-HLF-BM-60<br>CART-HLF-BM-72 \| CART-HLF-BM-96 |
| Service Fitting | Sidewall mounting for service fixture. Available for petcocks, faucets and valves. Retrofit Kit. Maximum of 4 per cabinet. | SF-WALL | SF-WALL | SF-WALL |
| IV Bar and "S" Hooks | Interior bar spanning the width of the cabinet to hang IV bags and other equipment using "S" hooks. Retrofit Kit. | IV-VLF-24 \| IV-VLF-36<br>IV-VLF-48 \| IV-VLF-60<br>IV-VLF-72 \| IV-VLF-96 | IV-HLF-24 \| IV-HLF-36<br>IV-HLF-48 \| IV-HLF-60<br>IV-HLF-72 \| IV-HLF-96 | IV-HLF-24 \| IV-HLF-36<br>IV-HLF-48 \| IV-HLF-60<br>IV-HLF-72 \| IV-HLF-96 |
| Ionization Bar | Generates a continuous flow of positive and negative ions balanced to neutralize surface static charges and to protect sensitive work product. | ION-24 \| ION-36<br>ION-48 \| ION-48<br>ION-72 \| ION-96 | ION-24 \| ION-36<br>ION-48 \| ION-48<br>ION-72 \| ION-96 | ION-24 \| ION-36<br>ION-48X \| ION-60<br>ION-72 \| ION-96 |
| UV Lamp* | Creates light emission conditions know to safely decontaminate interior surfaces. Includes a timer, door microswitch, fully closing front sash and UV filtering clear polycarbonate panels. The UV operation must comply with local codes and facility safety practices. | UV-24 \| UV-36<br>UV-48 \| UV-60<br>UV-72 \| UV-96 | UV-24 \| UV-36<br>UV-48 \| UV-60<br>UV-72 \| UV-96 | UV-24 \| UV-36<br>UV-48 \| UV-60<br>UV-72 \| UV-96 |
| Removable Front Cover | To enclose work zone when unit is not in operation. | FCOVER-VLF-24 \| FCOVER-VLF-36<br>FCOVER-VLF-48 \| FCOVER-VLF-60<br>FCOVER-VLF-72 \| FCOVER-VLF-96 | FCOVER-HLF-24 \| FCOVER-HLF-36<br>FCOVER-HLF-48 \| FCOVER-HLF-60<br>FCOVER-HLF-72 \| FCOVER-HLF-96 | FCOVER-HLF-24XT \| FCOVER-HLF-36XT<br>FCOVER-HLF-48XT \| FCOVER-HLF-60XT<br>FCOVER-HLF-72XT \| FCOVER-HLF-96XT |

*Sold together; safety precautions must be followed. Factory installed; specify when ordering.*

120 6th Street, Fort Myers, FL 33907
**Toll Free.** 800-306-0656 \ **www.airscience.com**

Specifications are subject to change without notice or obligation on the part of Air Science. For questions contact Air Science.

## WARRANTY

This product is protected by the Air Science Legacy Limited Lifetime Warranty™.

For details visit the Warranty section of our website.

LEARN MORE

### STANDARDS & COMPLIANCE

| | |
|---|---|
| Quality Management Systems | ISO 9001 : 2015 |
| Electrical Safety | UL-C-61010-1<br>CAN/CSA C22.2 61010-1-12<br>EN 61010-1:2010<br>CE Mark |
| OSHA, Occupational Safety and Health Administration | OSHA Standard -29 CFR, Safety and Health Regulations for General Industry, 1910.1450: Occupational exposure to hazardous chemicals in laboratories. Part B, definition, laboratory type hood. This product may assist you with compliance or as part of your chemical hygiene plan. Please consult your Safety Officer and/or Industrial Hygienist. |
| Environment | ISO 14001 : 2015<br>ENERGY STAR® Partner |

**Air Science®**

120 6th Street \ Fort Myers, FL 33907
**T.** 239-489-0024 \ **Toll Free.** 800-306-0656 \ **F.** 800-306-0677
**www.**airscience.com

ENERGY STAR PARTNER

**GSA** Schedule
Contract # GS-47QSMS24D0042

CERTIFIED
**ISO 9001:2015**
**ISO 14001:2015**
BUREAU VERITAS