

HLAF Series Horizontal Laminar Airflow Cabinets operate under positive pressure with the front completely open providing the operator with unimpeded access to the work area. Gelaire HLAF cabinets create a work zone that is highly decontaminated of airborne biological and particulate contaminants. These working areas are an advanced alternative to sterile rooms.



Applications

- Sterile manipulation
- Sterile testing
- Microbiology
- Preparation of Culture Media
- Preparation of Ophthalmics
- Floriculture
- TPN Preparation
- Medical device assembly

Technical Data

- Stainless Steel workbench and side walls
- Washable, framed, pre filters with minimum 90% arrestance to 5 um particles
- Available with 1200mm and 1800mm wide workbenches
- High efficiency direct drive centrifugal fan
- Work Area Lighting exceeding requirements of AS1807.15
- Electrical Suitability Certificate
- Variable Speed controlled fan system

Standard Features

- NATA tested prior to delivery conforming to AS1386
- Ultra quiet operation (< 59 DBA) far exceeding AS1217
- Low vibration Work Bench
- Minipleat Hepa Filters - 99.999% DOP tested
- Work area Germicidal Ultra Violet Lamp
- Removable Dust Cover & UV Shield
- Powder coated electro-galvanised steel construction
- Fully sealed touch control panel for ease of operation and cleaning

Special Features

- NATA tested to comply with AS1386
- Ultra quiet operation < 59dBA
- Minipleat high efficiency Hepa filters tested to 99.999% DOP
- Oven baked powder coated steel construction
- Stainless steel work bench and side walls
- Fully sealed easy to clean touch control panel utilising state-of-the-art electronics.

Optional Accessories

A range of Work Area accessories are available for application customisation of the Cabinet, these include Power Outlet, Gas, Vacuum, and Pharmacy/TPN Support Rails. Support Stands with locking roller castors.

Physical Data

Model	Cleanliness	Air Vel (m/s)	Filter Effic % @0.3um	Noise Level (DBA)	Power Supply	Weight KG	Ext. Dimensions mm (WxDxH)	Int. Dimensions mm (WxDxH)
HLAF 1200	Class 100	0.45	99.999	< 59	0.51kw	133	1300x750x1105	1220x600x570
HLAF 1800	Class 100	0.45	99.999	< 59	1.3 kw	208	1910x750x1105	1830x600x570

Compliance & Testing

Gelaire HLAF Series Cabinets are manufactured and tested to comply with AS1386. They are tested and certified prior to dispatch by an independent NATA registered laboratory. On-site testing and maintenance is also available.

Operational Limitations

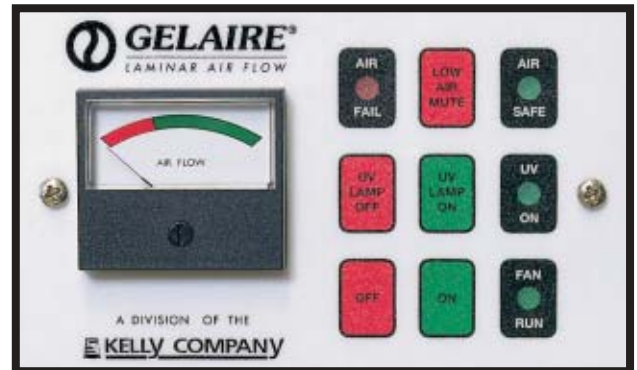
The Gelaire HLAF Cabinets are designed to provide protection for the product and process and not for personnel and should not be used where hazardous airborne biological or chemical agents are being used.

The Kelly Company & Other Products

The Kelly Company Pty Ltd is an Australian owned company. We are totally committed to excellence in the design, construction and supply of technically advanced and economically viable solutions for the control of airborne biological and particulate contamination. Our Vilair and AAF range of Air Filtration Products and HEPA Filtration Systems are used extensively throughout Australia for critical contamination control in applications in Hospitals, Pharmaceutical and High Technology Industries.

Gelsafe® Air Flow Monitoring System

An exclusive feature of Gelaire®. A work area air flow velocity sensor probe and colour coded safe operating meter which monitors the cabinet laminar air flow.



Gelsmart® LAF Control Panel

A state-of-the-art electronic touch membrane control panel integrating all functional and safety controls of the Gelaire® Laminar Air Flow Cabinet including:

- Gelsafe® Air Flow Monitoring System
- Visual 'air safe' and audible 'air fail' alarm
- Cabinet and work area lighting on/off control
- UV Lamp and work area lighting safety interlock