Introducing our New & Improved Fume Hood

The Green Solution Hood delivers a global solution for a cleaner laboratory environment

Engineered with a range of patented innovations, the **Green Solution Hood with Neutrodine Unisorb® Technology** offers a safe, high-performance, energy-efficient, fully flexible solution ideal for virtually any environment from a cleanroom to a teaching lab. With a unique, modular filtration column and proprietary **Neutrodine Unisorb®** filtration, The Green Solution Hood can handle multidisciplinary tasks involving everything from acids and solvents to liquids and powders while exhausting 100 times fewer contaminants than are allowed by the official Threshold Limit Value (TLV).

With the **Green Solution Hood**, saving energy doesn't mean compromising safety or performance. The system can be left on at all times—sash up or down—without over consumption of energy or polluting the environment. At the same time, it maintains a face velocity of 80 fpm. The **Green Solution Hood with Neutrodine Unisorb® Technology** also offers remote communication software to provide management of your fume hood. The eGuard 2.0 app will be released soon with no limits to it's connectivity with the Green Solution Hoods.

MODEL #	OVERALL SIZE (W x H x D)	WORKTOP (W x H x D)
GFH-48	48" x 71 ⁷⁄₁₆" x 38 ⅞"	48" x 1 ¼" x 33"
GFH-60	60" x 71 ⁷⁄₁₆" x 38 ⅞"	60" x 1 ¼" x 33"
GFH-72	72" x 71 ⁷⁄₁₆" x 38 ⅞"	72" x 1 ¼" x 33"
GFH-96	96" x 71 ⁷⁄₁₆" x 38 ⅞"	96" x 1 ¼" x 33"

Zero-Emissions & Environmental Protection

Acid, VOC, & Formaldehyde Sensors Available

New Smart Command & Smart Communication Technology

Window Panel Options Available
(No Windows / With Windows)

29" Max Sash Height

Customizable Fixtures & Electric Available

48", 60", 72", 96" Available

Work Surface Material Customizable
(Epoxy & Stainless Steel Available)
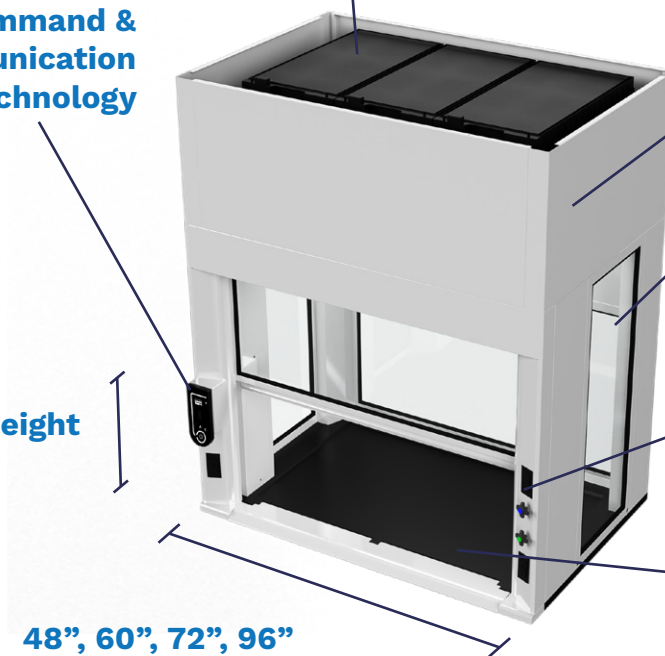
GREEN SOLUTION FUME HOOD - CHEMICAL FILTRATION

- 360 degree viewing
- Powder coat finish
- Flush-mounted airfoil
- Integral sash counterbalance
- Epoxy resin countertop available
- Vertical Rising Sash
- Interior access to plumbing
- Front mount service fixtures
- Plumbing outlets within arm's reach
- Full 29" high access of hood opening
- GFI Outlet receptacles available
- Interior LED work lights
- Filter saturation detection.
- Control Settings through smart phone
- U.L. 1805 Classified
- Uses 96% less energy than standard hoods
- All Components Are UL Listed

*4" (min.) Air Gap required

72.00

* Full Height w/ Standing Height Cabinet 110"

40.00

Filtration System Configurations

The Erlab GreenFumeHood® Filtration Technology allow for adaptable modular filtration column configurations for specific project requirements.

Neutrodine Unisorb®
Safety Filter Module
No release of pollutants into the laboratory, even if the main filter is saturated

Ventilation Module
Ventilation regulation
Low energy consumption
Reduced noise level

In compliance with standard NF X 15-211 2009, class I

Main Neutrodine Unisorb®
Filter Module
Increased filtration efficiency
Single filter for simultaneous handling: solvents, acids and bases
Unique formulation without carbon blend
No heavy metal impregnation.

HEPA H14
Particulate Filter Module
High-efficiency H14 powder filtration (absolute filter)
Air filtration system with innovative blade/gutter system for a perfect seal

Lighting Module
Communicating base with daylight LED lighting module
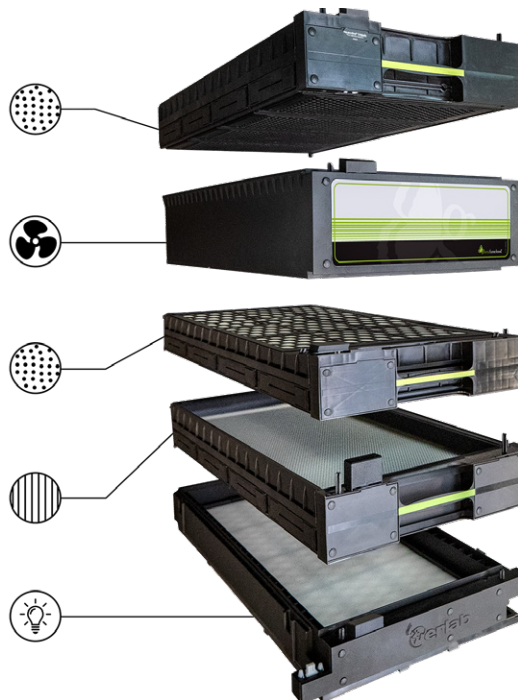
1P2C Shown

Choosing Your Configuration

Each filter is compatible with a vast majority of laboratory procedures, the allowing for the possibility of handling liquids and powders. They allow for quick and simple reconfiguration of filtration columns to meet requirement changes.

Two Carbon Filters (2C)
For wet chemistry applications without powders and no clean space.

One HEPA Particulate & Two Carbon Filters (1P2C)
For wet chemistry applications with hazardous powders and no clean space.

Two Carbon Filters & One HEPA Particulate Filter (2C1P)
For clean space rated wet chemistry applications without hazardous powders.

Pre-Filter Selection

You can use three different types of prefilters in the Green Solution Hood. These are shown in the table below.

PREFILTER TYPE	PURPOSE	STANDARD OR OPTIONAL
S	Traps large particles to avoid them to clog main filters	Standard
A	Increases the ability to trap inorganic acids	Optional
K	Increases the ability to trap ammonia	Optional
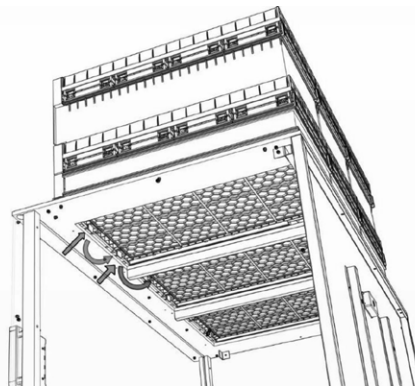
Control via mobile app

The power of enhanced real-time safety in the palm of your hand.

With eGuard 2 for your smartphone, stay up to date wherever you are and connect with ease to any GFH 3 technology packs.

With built-in connectivity, the app lets you easily access all your safety settings via the new eGuard 2 app from your smartphone.

The gGuard 2 monitors and controls the internal workings of The Green Solution Hood with Neutrodine® Technology, providing access to and status updates on:

- **Filter Type**
- **Filter Integrity**
- **Sash Position**
- **Face Velocity**
- **Blower motor speed**

- **Sensors Status**
- **Enclosure temperature breach**
- **Temperature & Humidity**
- **Usage time data**

Smart Halo Indicator
Illuminates when the fans and lights are on. Lights will blink when the Green Fume Hood is under alarm.

Network Connection Indicator

Fans
On/Off button

Lights
On/Off button

Fume Hood Power Button