

The Green Solution Hood

The Green Solution Hood with proprietary Neutrodine Unisorb® Technology:
Save energy without compromising usage, performance or safety.

With the breakthrough Neutrodine Unisorb® system by ErLab®—offers a revolutionary turnkey solution providing a variety of installation, operational and environmental benefits to virtually any laboratory. Compared to traditional fume hoods in operation today, The Green Solution Hood with Neutrodine Unisorb® Technology enables labs to:

- ❑ Add a fume hood without affecting building HVAC.
- ❑ Save Energy while maintaining 80 fpm face velocity.
- ❑ Cut energy costs by 96% and reduce operating costs by 70%.
- ❑ Handle liquids and solids (Including acids, bases, solvents and powders)—individually or together—with a single hood.
- ❑ Virtually eliminate installation costs.
- ❑ Operate safely without polluting and contaminating the environment.
- ❑ Maintain productivity without changing the way lab technicians work.
- ❑ All hoods commissioned by factory personnel.



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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

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.

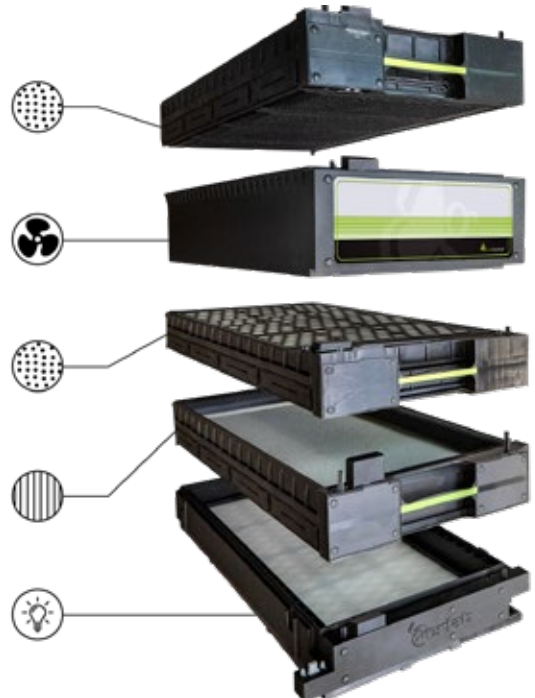
HEPA H14

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.

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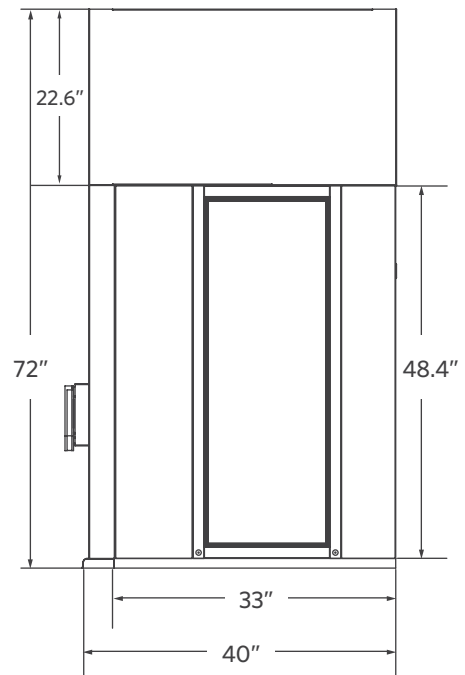
Engineered with a range of patented innovations, the Green Solution Hood with Neutrodine Unisorb® Technology offers a safe, high-performance, energy-efficient, fully flexible solution ideal for virtually any environment from a cleanroom to a teaching lab.

THE GREEN SOLUTION HOOD

Unprecedented safety in a hood that uses 96% less energy than standard hoods and has an operating cost 70% lower.



- 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
- U.L. 1805 Classified



**U.L. 1805
Classified**

Part Number	Superstructure			Worktop			Hood Opening		Shipping Weight
	W	H	D	W	H	D	W	H	
GFH-48	48"	71-7/16"	38-7/8	48"	1-1/4"	33"	38"	29"	375
GFH-60	60"	71-7/16"	38-7/8	60"	1-1/4"	33"	50"	29"	425
GFH-72	72"	71-7/16"	38-7/8	72"	1-1/4"	33"	62"	29"	475
GFH-96	96"	71-7/16"	38-7/8	96"	1-1/4"	33"	86"	29"	575

100fpm @ 12" open; 60fpm @ 18" open

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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).

THE GREEN SOLUTION HOOD

