

# Erlab's Chemical Filtration Ecosystem

Protection from the moment a chemical enters the lab to evaporation





Erlab's Chemical Filtration Ecosystem keeps you protected from the moment a chemical enters the lab to whenever or wherever it evaporates.

Our filtering products work together to provide cleaner air in your laboratory.

### Weighing stations

Captair Smart weighing stations guarantee operator's safety while maintaining stability and precision of the weighings up to 6 decimals.

### Filtering fume hoods

Stay safe while handling hazardous chemicals. Erlab provides the most advanced molecular filtration technology available. Multiple chemical types can be adsorbed at the same time, so you are no longer limited to application-specific filters or the inability to adapt to new lab processes.

### Air purifier

Even small amounts of chemical vapors present in the lab pose a potential health hazard. The Halo air filtration system continuously evaluates the air in your lab for increased concentration of chemical vapors. Once detected, Halo captures these hazardous vapors and returns clean air back into the lab.

### Filtering storage cabinets

Storing and accessing your chemicals has never been safer. In addition to filtering the hazardous vapors from the cabinet, the laboratory air is continuously cleaned.



### Air quality monitor

You now have a sensor that keeps you informed about the quality of the air in your lab - it senses the fugitive emissions before you do. When the sensor detects these molecules, Halo Sense will let you know so that you can take the necessary actions to keep your lab safe.

### Monitoring

Welcome to a safer, connected world thanks to the eGuard App. Using the App enables real-time remote monitoring of your various Erlab products. Receive safety alerts and benefit from exclusive warranty and services.



Safety



Infrastructure and energy savings



Flexible and simple to operate



Environmentally friendly



Build your filtration ecosystem for a simpler, safer lab



*Erlab's state of the art Research & Development Laboratory relies exclusively on filtration*

North America  
+1 800-964-4434 | [captairsales@erlab.com](mailto:captairsales@erlab.com)

China  
+86 (0) 512 5781 4085 | [sales.china@erlab.com.cn](mailto:sales.china@erlab.com.cn)

France  
+33 (0) 2 32 09 55 80 | [ventes@erlab.net](mailto:ventes@erlab.net)

Germany  
0800 330 47 31 | [verkauf@erlab.net](mailto:verkauf@erlab.net)

Italy  
+39 (0) 2 89 00 771 | [vendite@erlab.net](mailto:vendite@erlab.net)

Malaysia  
+60 (0) 7 3 555 724 | [erlab@tm.net.my](mailto:erlab@tm.net.my)

Spain  
+34 93 673 24 74 | [ventas@erlab.net](mailto:ventas@erlab.net)

United Kingdom  
+44 (0) 1722 341 940 | [salesuk@erlab.net](mailto:salesuk@erlab.net)

[www.erlab.com](http://www.erlab.com)

## About Erlab

### We provide safety, we protect your health

Erlab invented the ductless fume hood in 1968. With more than 50 years of experience in the field of chemical filtration and protection of laboratory personnel; we know the formula for safety. With Erlab, you will never have to wonder or worry if our products are safe. We build each one of the following 7 ingredients into our products, and without all of them, your health and safety will be compromised.

#### 1 Erlab R&D Laboratory

The engineers and chemists in our state-of-the-art R&D laboratory understand molecular filtration. We are committed to designing products that are safe and of the highest quality, strive to improve our products, and continuously develop new products that provide greater protection in the laboratory.

#### 2 Strict Safety Standards

We hold ourselves to the highest standard and adhere to the strict AFNOR NF X 15-211: 2009 filtration safety standard as endorsed by ANSI Z9.5-2012.

#### 3 A Published Chemical Listing

It all begins here. Without this listing, we are not compliant with AFNOR NFX 15-211. Our in-house laboratory tests, as well as independent testing, to verify the retention capacity of over 700 chemicals for our filters.

#### 4 Independent Testing

Erlab filters have been independently tested multiple times at various concentrations guaranteeing that our safety solutions all adhere to the strict performance criteria of the AFNOR NF X 15-211:2009 standard assuring that the emission concentration at the filter exhaust will always be lower than 1% of the TLV.

#### 5 Application Questionnaire (Valiquest)

Our laboratory specialists will recommend the appropriate filtration fume hood, type of filter, and personalized advice.

#### 6 Certificate of Validation for the chemicals used in the hood

A certified PhD chemist issues a Certificate of Validation with a list of the chemicals approved for use in the hood.

#### 7 Our Safety Program

We back up our products 100%. This program includes your specialized chemical evaluation, validation of your hood upon installation, and a filtration safety specialist at your service to ensure that your hood is operating to its full potential.

Erlab above



2018 Celebrating 50 years  
of innovation in filtration

