

# Halo

## Laboratory air filtration system\*



Web user interface access



Ceiling mounted laboratory-grade filtration unit

\*Patent pending

- Removes fugitive contaminants/odors in your lab
- 24/7 filtration
- Laboratory-grade filtration using Neutrodine technology
- Low cost – no ductwork required
- Very low energy consumption (50W)
- Easy set up
- Simple operation

## Healthier air for your laboratory

### On the job 24/7

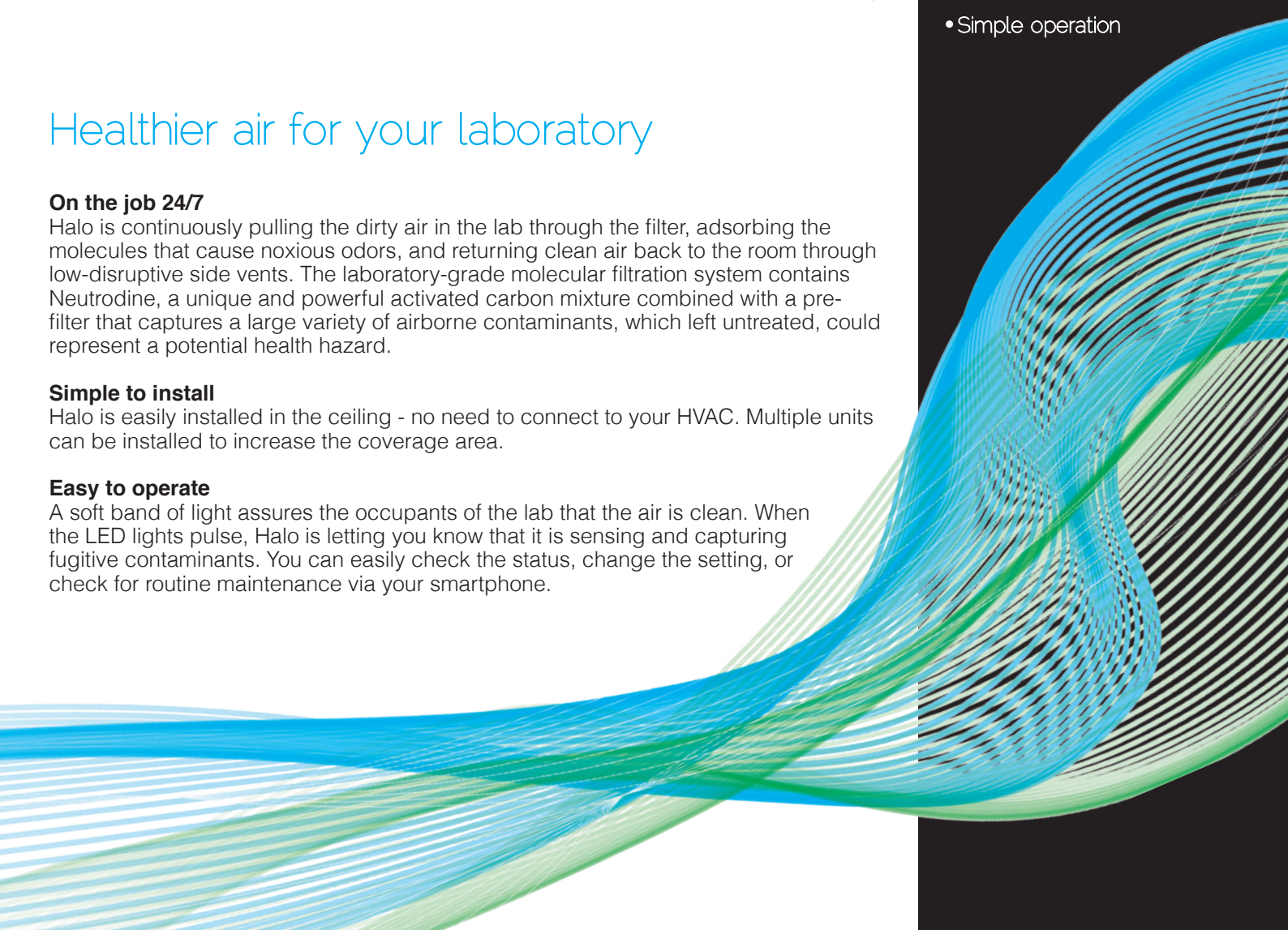
Halo is continuously pulling the dirty air in the lab through the filter, adsorbing the molecules that cause noxious odors, and returning clean air back to the room through low-disruptive side vents. The laboratory-grade molecular filtration system contains Neutrodine, a unique and powerful activated carbon mixture combined with a pre-filter that captures a large variety of airborne contaminants, which left untreated, could represent a potential health hazard.

### Simple to install

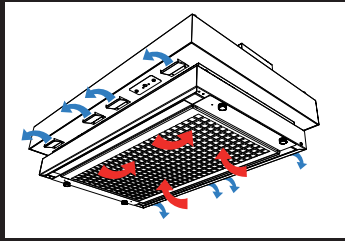
Halo is easily installed in the ceiling - no need to connect to your HVAC. Multiple units can be installed to increase the coverage area.

### Easy to operate

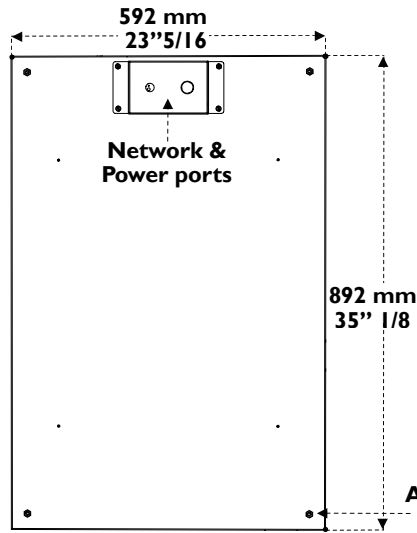
A soft band of light assures the occupants of the lab that the air is clean. When the LED lights pulse, Halo is letting you know that it is sensing and capturing fugitive contaminants. You can easily check the status, change the setting, or check for routine maintenance via your smartphone.



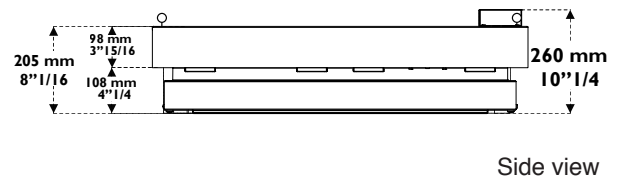
# Specifications



- Fugitive contaminants are pulled into the filter, molecules are captured, and clean air is recirculated back into the room.



Plan view



Side view

# Dimensions

<b>Processed air flow</b>	135 ft <sup>3</sup> - 220 m <sup>3</sup> /h
<b>Operating modes</b>	24/7, Night/Day, Alert
<b>Fan monitoring</b>	Halo unit monitors the air flow and informs the user through light pulsation communication.
<b>Pre filtration</b>	Particulate prefilter
<b>Filtration options</b>	- VOC : for volatile organic compounds - Chemplus : for broad range of chemicals (using Neutrodine Filtration technology)
<b>VOCs detection</b>	Semi conductor sensor
<b>Man-Machine interface</b>	Simple communication by LED pulsation system

<b>e-Guard Communication</b>	- Webservice (Embedded) - Software (Start & Extended versions) - BAS (BacNet protocol)
<b>Ports</b>	1 x Ethernet Port
<b>Installation</b>	Hung via 4 eye bolts (included)
<b>Weight</b>	68 lbs - 31 kg (including filter)
<b>Voltage / frequency</b>	80-240V 50/60hz
<b>Energy consumption</b>	50 W

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# About Erlab

Inventor of the ductless laboratory fume hood and worldwide leader since 1968, Erlab's passion is to focus on the research & development, design, and manufacturing of cutting-edge toxic gas air filtration in the laboratory.

As an innovator, Erlab is committed to safety, performance, energy efficiency and sustainability and has remained number one in the world for ductless fume hoods since 1968 with more than 100 000 units in operation.

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