

# Every Energy Manager and EHS Director needs to know this --



## ***CONTINUOUS ACCESS PORT Retrofit Kit can REDUCE LABORATORY ENERGY COSTS***

*CONTINUOUS ACCESS PORT Retrofit Kit  
reduces the wasted airflow that fume  
hoods exhaust to meet OSHA standards  
resulting in HUGE Energy Bill savings by  
keeping conditioned air in the facility*  
Plus

*It reduces greenhouse gases for a  
cleaner more sustainable environment*



## ***CONTINUOUS ACCESS PORT Retrofit Kit can INCREASE FUME HOOD CONTAINMENT***

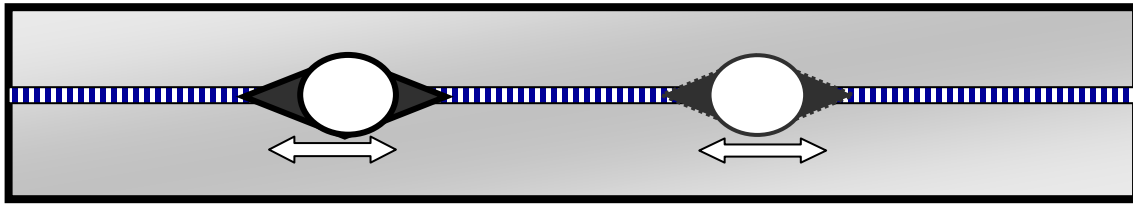
*The CONTINUOUS ACCESS PORT Retrofit Kit will improve fume hood containment  
and minimize exposure to accidental splashes and effects of laboratory air turbulence.  
Enjoy the benefits of a "Glove Box" while operating a fume hood.*

## **TRIPLE BOTTOM LINE BENEFITS**

**LOWER ENERGY COSTS • LOWER SAFETY RISK • LOWER CARBON FOOTPRINT**

## TECHNICAL INFORMATION

Two Continuous Access Ports mounted on a Track System, which allow the ports to easily slide back and forth. The track integrated into a 'transparent' barrier film resulting in unobstructed access and full-view into the fume hood workbench.



### EACH PORT MOVES INDEPENDENTLY

The Continuous Access Ports is an Innovative mechanism that significantly lowers the amount of laboratory-conditioned air that must be exhausted to meet OSHA standards. Thus Continuous Access Port can reduce the amount of conditioned air that must be exhausted when operating the fume hood with an open sash to the minimum allowed by NFPA requirements at 100ACH or ~10cfm per sqft of workbench area.

The Continuous Access Port can lower your total energy costs to operate fume hoods by 70-85% --- A significant positive impact to the facility's bottom line.

## TECHNICAL DESCRIPTION

<b>FRAME</b>	0.75in (1.87cm) Extruded Aluminum Powder Coated Fits 4ft • 5ft • 6ft • 8ft • and custom sizes Attaches to Sash with Thumb Screws
<b>BARRIER</b>	6mil 'transparent' Polyurethane Film Flame Spread Rating: Class A
<b>PORTS</b>	4.75 in (12.1cm) diameter Slides on Nylon zipper track
<b>SETUP TIME</b>	20 Seconds

## ASHRAE-110 VALIDATION

The Continuous Access Port passed the ASHRAE 110 test using SF6 tracer gas released within the fume hood at twice the test challenge or 8liters/min. The average SF6 concentration was 0.006ppm with a peak value of 0.02ppm when a door was opened. The maximum SF6 concentration acceptable is 0.100ppm

*Made in  
New York State*

**Isolation  
Sciences**

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