

# AirSeal

Bypass Airflow Control  
by Sealco



**MEASURABLE. IMMEDIATE. GREEN.**

- Maximize Static Pressure
- Increase Infrastructure Capacity
- Decrease Cooling Costs
- Add backup capabilities instantly



# AirSeal

*Bypass Airflow Control*

Since 1984, Sealco has set the standard as the leader in cost-saving solutions for mission-critical environments. We hold a strong reputation among Fortune 500 companies for personalized service, innovative solutions and dedication to excellence and value. Sealco protects your infrastructure investment with solutions that dramatically diminish your downtime and increase efficiencies.

Introducing AirSeal, exclusively from Sealco, a turn-key and proven way to go green and see measurable immediate savings.

## AIRSEAL, A Turn-Key Service by Sealco

Many IT and facility managers worry about having enough affordable cooling to meet increasing heat densities in their data centers. The easiest and most cost effective way to increase cooling capacity and reduce energy costs in a raised floor environment is to manage your bypass air.

Sealco has designed the AirSeal program to eliminate wasteful bypass air at the same time increasing and maintaining consistent CFM throughout the Data Center floor. Our highly trained Data Center technicians have a 4 step process that will ensure your bypass air is maintained and controlled.

**Measure:** Airflow readings and measurements will be taken of CFM, Static Pressure and Air

Temperature **BEFORE** and **AFTER** installation, which allows you to see the measurable difference in controlling your bypass air.

**Survey:** A comprehensive survey identifies areas of bypass airflow and determines the best control methods, thereby increasing airflow and static pressure.

**Fabrication:** Based on the Survey, Sealco technicians will identify the correct products to install and customize to meet your individual data center needs.

**Installation:** The products will be installed in your data center by Sealco technicians, at such time a report will be generated with final air flow and static pressure measurements.

*"Before we invested in additional CRACs, we called Sealco to do an AirSeal survey. Sealco technicians found 1525 openings, equivalent to 383 square feet of holes, in our 62,500 s.f. Data Center. After they installed products to close the openings, we were able to cool our existing equipment with ten less units. This allowed us to increase our infrastructure capacity! Without lead time or adding to infrastructure, we gained redundant power and cooling. Sealco also increased our static pressure from .027 to .047 by controlling the unmanaged airflow through openings in the raised floor."*  
-Major Communications Provider

## **AIRSEAL Hot/Cold Aisle Isolation System**

AirSeal's Hot/Cold Aisle Isolation System blocks and contains hot air in the hot aisle and cold air in the cold aisle. This is without question one of the simplest solutions to help eliminate wrap around air in a data center. Sealco will measure, fabricate and install the correct isolation system to prevent the mixing of hot/cold air. Sealco's AirSeal service uses next generation products that reduce hotspots and bypass airflow. Sealco is committed to offering premium products and services ensuring your data center will operate at its peak efficiency.

### **Measurable. Immediate. Savings.**

AirSeal is turn-key and has one goal in mind: **to save you money.** You will save energy dollars, increase your infrastructure capacity, and add backup capability easily and affordably.

### **Softwall Isolation Curtain**

Isolation Curtain Walls and doors separate cold aisles and hot aisles, maximizing the dynamics of air flow to cool your data center. Sealco's Softwall Curtain System can pay for itself.

### **Product Features:**

- Low outgassing and anti-static
- Meet ASTM and NFPA fire retardancy requirements
- Curtains fall away in case of fire, allowing fire suppression systems full operating range
- Easily installed and reusable material



## PlenaForm

PlenaForm is a flexible, snap together, air flow baffle system which helps to solve dynamic thermal imbalances in data centers. PlenaForm gets air to where it is needed and keeps it from where it not. PlenaForm is an inexpensive and easy way to save energy and increase your infrastructure capacity.



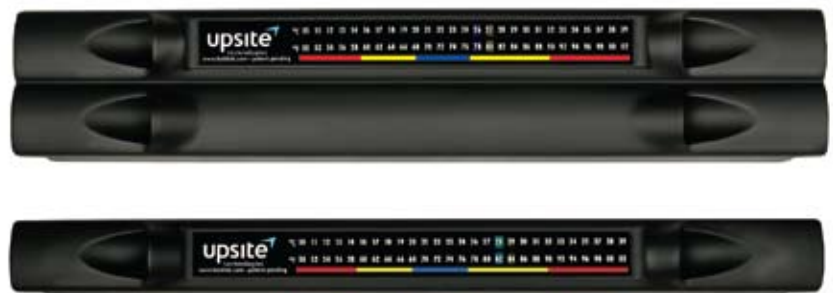
## KoldLok

KoldLok raised floor grommets are designed to optimize energy usage in a data center by ensuring that cooled air does not get diverted out through unsealed cable openings.



## HotLok

Control airflow and deliver lower temperatures to your servers using HotLok blanking panels. Easy, tool free, snap in installation offers 99%+ seal without gaps between blanking panels. Available in stackable 1 and 2 U versions.



## MEASURABLE. IMMEDIATE. GREEN.

AirSeal, a Turn-Key Service by Sealco • What you can't see is costing you energy, capacity and revenue. Contact an AirSeal consultant today at 800-283-5567. Sealco performs for you!