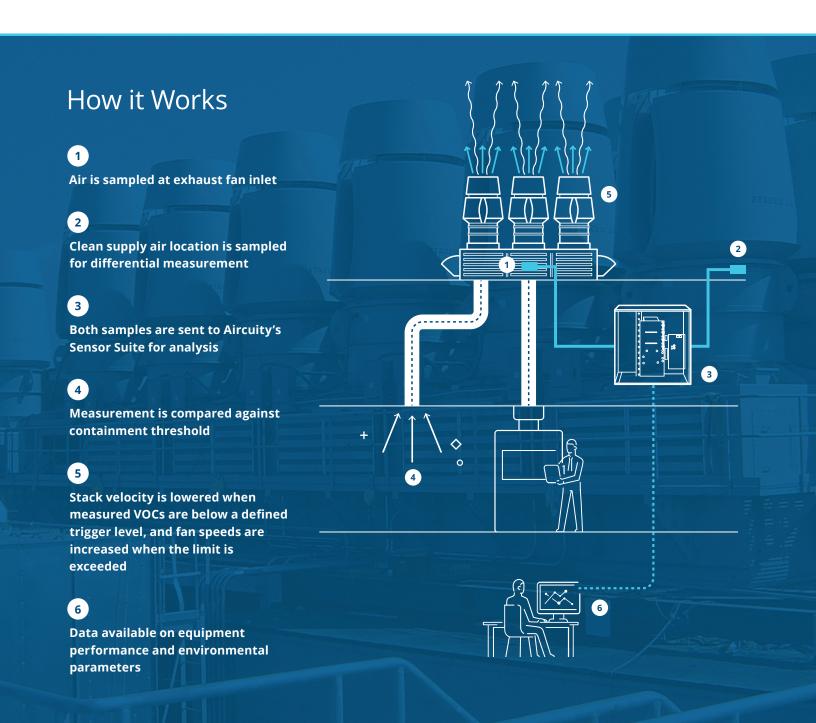




# Demand Based Control of Exhaust Fans

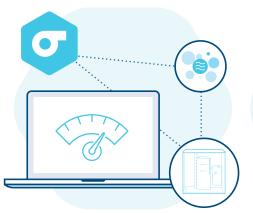
Exhaust systems account for more than 20% of a lab facility's HVAC cost. Yet high exhaust stack velocities are typically maintained in excess of what is necessary. After achieving energy savings through a lab DCV project, Aircuity's exhaust fan application is the final step to ensuring your lab facilities are as efficient and healthy as possible.



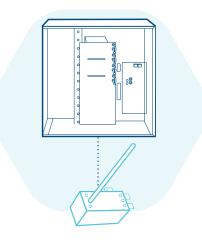


## Important Aspects

With over two decades as the leader in demand control ventilation applications, Aircuity has carefully designed its patented exhaust fan application for occupant safety and system accuracy.







Sensor **drift is canceled** through use of one sensor for differential measurement

Many projects are completed in conjunction with a **wind tunnel study** per ANSI Z9.5

Ruggedized sensors along with a **backup TVOC sensor** are used

# Client Project

#### BUILDING

Lab building currently saving \$800k/year through Aircuity's critical space DCV

## **FANS**

4 Triplexes

### REDUCING HP

Wind tunnel study approved beginning HP reduction from 480HP to 100HP

### **TOTAL SAVINGS**

\$1,000,000 Annual Savings

#### **LEARN MORE**

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