

Aircuity Customer Kansas Bioscience Park Wins R&D Magazine's Lab of the Year: High Honors

Aircuity's Solutions an Integral Part of the Venture Accelerator Building's Sustainable Design

NEWTON, Mass., USA – July 26, 2012 – Aircuity, the smart airside efficiency company, announced today that its customer the Venture Accelerator at Kansas Bioscience Park received R&D Magazine's Lab of the Year: High Honors award. Aircuity's centralized demand control ventilation played an important role in the building's sustainable design.

The Venture Accelerator is one of the first two facilities on the Kansas Bioscience Park's 92 acre campus, which is shared by the Kansas Bioscience Authority and Kansas State University's Olathe campus. The facility, which is intended to help fledgling bioscience businesses get started, includes eight double and six single wet labs. The fourteen labs will be available for lease and were designed to be flexible based on the tenants' needs.

Sustainability and the incorporation of green features was a priority during the design process. The project was recently certified LEED Gold based on the work of the team which included Associated Air Products, PGAV Architects, and engineers CRB, Walter P. Moore and Schlagel & Associates (civil engineer & landscape architect). Aircuity's centralized demand control ventilation (DCV) solutions were introduced to provide significant energy savings while ensuring a safe environment for laboratory occupants. Through Aircuity's continuous monitoring system the baseline of 10 air changes/hr in the laboratories during occupied times was reduced to 2 ACH after Aircuity was implemented.

"We were impressed early in the design process by the energy savings potential of the Aircuity DCV system," said Gary Micheel, facilities project manager for the KBA. "We also like the fact that we have an ongoing record of the air quality in each of our labs. The Aircuity system is a perfect example of our design philosophy for the Venture Accelerator – choosing state of the art technology that is also reliable and cost effective."

Aircuity's smart solutions deliver significant energy savings in a laboratory environment. A multiplexed centralized sensing system continuously monitors the lab's indoor environment and adjusts the ventilation based on conditions within the lab. Ventilation rates are adjusted up if an event is detected and lowered once the air is clean again. Aircuity Advisor™ Services provides a suite of software based tools that apply statistical analysis to data collected by the Aircuity OptiNet® System and presents it in a proactive and easy to interpret format. Advisor assists with IEQ and lab management, continuous commissioning and provides the ability to determine if the building's energy savings potential is being met.

Lab of the Year judges noted that they were impressed with the quality of the facility and praised the integration of the infrastructure with the architecture, the economical cost to build, and the intelligent sustainability choices. The Venture Accelerator was featured in the May/June 2012 issue of Laboratory Design.

About Aircuity

Aircuity is the smart airside efficiency company providing building owners with sustained energy savings through its intelligent measurement solutions. By combining real-time sensing and continuous analysis of indoor environments, the company has helped commercial, institutional and lab building owners lower operating costs, improve safety and become more energy efficient. Founded in 2000 and headquartered in Newton, MA, Aircuity's solutions have benefitted organizations such as the University of Pennsylvania, Eli Lilly, Masdar City, the Bank of America Tower and the University of California-Irvine. For additional information on the company and its solutions, please visit: <http://www.aircuity.com>.

About the Kansas Bioscience Authority

The Kansas Bioscience Authority was created by the Kansas Economic Growth Act of 2004 to accelerate growth in the bioscience sector. Funded by Kansas income taxes generated by bioscience jobs, KBA investments help create high paying jobs, fuel capital expenditures, spur outside grants and encourage private capital investments in Kansas bioscience companies. KBA investments result in high-quality jobs today and for future generations of Kansans, and bioscience discoveries and life-saving cures that will improve lives around the world.

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