

Aircuity Helps Drive Continued Energy Savings at the University of New Hampshire

Demand control ventilation provides quick return on investment and ongoing cost savings

NEWTON, Mass., USA – September 10, 2013 – Aircuity, the smart airside efficiency company, announced today that their solutions are providing ongoing energy savings and have helped to make Kingsbury Labs at the University of New Hampshire (UNH) the most efficient labs on campus. After quickly recouping the cost of Aircuity's solution the energy savings are now being used to implement additional energy projects across the UNH campus.

Aircuity's centralized demand control ventilation system (DCV), OptiNet[®], was originally installed in Kingsbury Labs in 2010. The multiplexed centralized sensing system continuously monitors critical indoor parameters, lowering the ventilation when the air is clean and increasing fresh air when an issue has been detected. The continuous monitoring allowed for a dramatic reduction in the baseline of ventilation. Campus energy manager, Matt O'Keefe, noted, "Through examining the data we found that 99 percent of the time we were over-ventilating the lab spaces."

"Labs are the most energy intensive spaces on campus and the ventilation of these spaces can often create one of the largest carbon footprints," said O'Keefe. "Aircuity's solutions have helped to dramatically reduce the amount of energy used. Now not only are Kingsbury Labs the most efficient labs on campus, but the continuous monitoring provides a safe environment for occupants as well."

The significant reduction in the ventilation baseline led to an annual savings of approximately \$75,000 annually and a return on investment of just 18 months. Since recouping the cost of the system, the ongoing savings have been fueling the ability to implement additional energy projects on campus. Recently, the energy savings generated from Aircuity's solutions funded the installation of solar pre-heating panels in Kingsbury Labs.

"The University of New Hampshire is an excellent role model for how to successfully implement a sustainable energy plan," said Chuck McKinney, vice president of marketing at Aircuity. "They first sought to lower their energy consumption, going after the highest energy buildings—labs, and deploying the most significant energy savings measure—Aircuity. They are now reaping the benefits of their energy efficiency work and reinvesting the energy savings in further energy reduction or alternative energy projects."

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 benefited organizations such as the University of Pennsylvania, Eli Lilly, North Carolina State University, LabCorp, the Bank of America Tower, Wake Forest University and the University of California-Irvine. For additional information on the company and its solutions, please visit: <http://www.aircuity.com>.

About University of New Hampshire

The [University of New Hampshire](http://www.unh.edu), founded in 1866, is a world-class public research university with the feel of a New England liberal arts college. A land, sea, and space-grant university, UNH is the state's flagship public institution, enrolling 12,200 undergraduate and 2,300 graduate students.

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Media Contact:

Sarah Callahan

Marketing Manager

Phone: 617-641-8848

E-mail: scallahan@aircuity.com