

Aircuity case study

Creighton University

Aircuity Boosts Energy Savings While Enhancing the Lab Environment

CREIGHTON UNIVERSITY, located in Omaha, Nebraska, offers a top-ranked education in the Jesuit tradition for students who want to contribute something meaningful to the world. In alignment with Catholic Social Teaching and the Jesuit tradition, Creighton University Sustainability Council's mission is to support and advocate for lifestyle and institutional changes to create a more sustainable campus and a just, global community. The University signed the President's Climate Commitment in 2010 and has since been dedicated to meeting its carbon reduction goals of a 40% reduction by 2028 and carbon neutrality by 2050.



The Criss Health Science Complex is an important space on campus as it provides teaching, laboratory, and associated facilities for the Schools of Medicine, Nursing, and Pharmacy and Health Professions. The main building was renovated in 2003 and the lab control valves that were installed at the time were starting to fail causing an already

energy intensive space to use even more energy. In addition to a Phoenix Controls valve upgrade, Aircuity was also proposed by channel partner, Specialized Products, to help further reduce energy use in support of the university's energy conservation policy.

“Based on the success of the Criss Complex project, Creighton University is now assessing other campus facilities for retrofit opportunities, which would also include Aircuity.”

Tim Norton, Assistant VP of Facilities Management
Creighton University

ENERGY SAVINGS AND A BETTER SPACE

Installing Aircuity optimized the air change rates in the space and provided energy savings and a better environment for occupants. In conjunction with the valve upgrade, Aircuity is helping Creighton University save approximately \$196,200 annually

which was verified by Optimized Systems of Omaha, Nebraska.

“The Aircuity system gives us the tools we need to optimize energy efficiency without compromising indoor environmental quality. I can honestly say I am a believer in the system and what it provides to engineers that believe in energy efficiency but will not sacrifice air quality and most importantly safety.”

Rick Kmiecik, President
Optimized Systems

Aircuity is also creating a healthier and safer environment for occupants in the lab and helping the university’s Environmental Health and Safety (EH&S) department track conditions that can identify lab practices that need review.

ABOUT CREIGHTON UNIVERSITY

Creighton University, a Catholic, Jesuit institution located in Omaha, Nebraska, enrolls more than 4,100 undergraduate and 4,200 graduate and professional students. Nationally recognized for providing a balanced educational experience, the University offers a rigorous academic agenda with a broad range of disciplines, providing undergraduate, graduate and professional degree programs that emphasize educating the whole person: academically, socially and spiritually. Creighton has been a #1 ranked Midwestern university in the college edition of US News & World Report magazine for 13 straight years. For more information, visit our website at <http://www.creighton.edu>.

ABOUT AIRCUITY

Aircuity creates measurably better environments while taking a bite out of energy goals. The company’s smart automated airside solutions optimize air change rates based on comprehensive indoor environmental data. As a result, commercial, institutional and lab building owners can lower operating costs, improve safety and cut energy use by up to 60%. Founded in 2000 and headquartered in Newton, MA, Aircuity’s solutions have benefited 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>.

