Resorts & Casinos

Today's facility managers face the daunting challenge of providing indoor environments that entice gaming participants to continue their play while keeping operating and energy costs in check. Buildings are dynamic environments—mechanical system controls drift, building use changes, and occupancy rates fluctuate. These changes can have a significant impact on the ability of the heating, ventilation and air conditioning system to maintain a balance between occupant comfort, health, productivity, and operating costs. The added challenge for resorts and casinos is the disparity between non-smoking and smoking patrons. The Aircuity system delivers on the long-sought promise of buildings designed for both energy efficiency and environmental quality. The result is reliable, cost-effective ventilation control that responds to dynamic building conditions to cut energy costs without sacrificing occupant comfort, health or productivity. Aircuity's technology cost-effectively reduces a facility's number one operating expense—energy, all while improving the building's indoor environmental quality (IEQ). The system addresses acknowledged deficiencies inherent in conventional sensing approaches used to control building ventilation. These approaches have traditionally lacked the required accuracy for reliable control, coupled with prohibitively high first cost and high maintenance costs.

Intelligent Analytics for a Smarter, Healthier Building

Use the knowledge from the indoor environment to establish baselines for building performance and document improvements in energy usage and indoor air quality. Automating the process of analyzing key parameters and providing access to the results, equips facility managers to meet today's building management challenges.

• Maintain prescribed ventilation rates with Multi Parameter (CO2 & TVOC) Demand Controlled Ventilation

• Measurement of particles will adjust ventilation in smoking areas

• Reduce energy and operating costs while enhancing the indoor environmental quality (IEQ)

• Measure, validate and optimize building systems

• Validate sustainable design for LEED® objectives

• Differentiate your firm's property from competitors

| Healthier Environment for Employees | Building Supports Core Mission | Energy Savings | Data Analytics on Building Environment |

Operate at Peak Performance

Aircuity significantly reduces energy use, helping resorts & casinos cut their operating costs. The Aircuity platform compliments designs using dedicated outside air systems, variable refrigerant flow and chilled beams, reducing the first cost of the HVAC equipment up to 2/3.

Right-Sizing of
Mechanical Equipment

Energy Savings

Reduced Operations
and Maintenance Spend

Innovative and Proven

Creating measurably better environments for resorts & casinos.

AIRCUITY®

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