

Hopkins International Airport

Design-Build Project Continental Airlines • Cleveland, OH

A five week fast-track project to cool Continental Airlines ticket counter results in high-fives from staff.

The Cleveland Airport System strives to be “best in class” in both customer service and facilities. This effort encompasses all aspects of what the Airport System does, including services and facilities provided directly by the Airport System, as well as those provided by its business partners.

Challenge

Cleveland Hopkins International Airport needed a solution immediately for the Continental Airlines ticket counter and employee break room. At times, these high traffic areas soared above 80 degrees Fahrenheit. Employees and customers were feeling uncomfortably warm, so the City of Cleveland called Gardiner Trane to cool down the facility quickly. Once Gardiner Trane received the job, they worked on a detailed plan that considered the security restrictions of the airport. Because of these security concerns and customer service considerations, much of installation process would need to be done between midnight and 5:00 a.m. In the month of July, Gardiner Trane worked to provide a sense of relief from the heat wave sweeping through the busiest airline in Cleveland.

Solution

Because of speed in which this project needed to be completed, Gardiner Trane developed the design while simultaneously retrofitting the cooling system. The system was set to provide 30 tons of additional cooling for the Continental Airlines ticketing area and additional cooling and ventilation capacity for the break room located behind the ticket counter. The new rooftop precedent units complemented the existing air distribution system. The central system remained a critical component as Gardiner Trane added four roof top units to supplement its cooling effects. While facing the challenges of working within the security restrictions and rigging equipment only between 12:00 a.m. and 5:00 a.m., Gardiner Trane finished the project quickly and on budget.



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The Cleveland Airport System was established in 1925 with the opening of Cleveland Municipal Airport, now Cleveland Hopkins International Airport, the first municipally-owned commercial airport in the United States. Celebrating its 80th anniversary in 2005, CLE is the largest commercial airport in Northeast Ohio, serving almost 12 million passengers annually.

Building Specifications

Building Type

International Airport Facility

Constructed

Original Airport 1925
Several Additions & Renovations

Facility Size

4 Concourses; 79 Departure Gates
24,000 Total Feet of Runway
103 Classrooms

Annual Air Traffic Volume

250,000 + Takeoffs and Landings
11,400,000 + Travelers
Service to 12 Airlines

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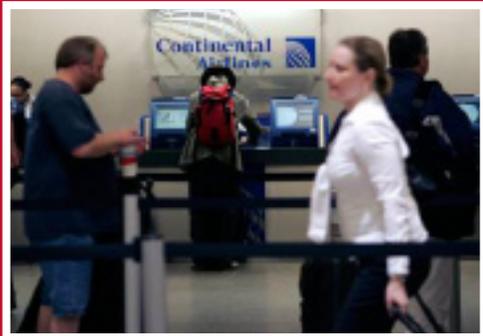
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Results

As Continental begins planning its expansion in the Cleveland market, Cleveland Hopkins International Airport has started it on the right foot. By ensuring comfort to customers and employees, traveling is sure to be a more pleasant experience. Now the Continental Airlines ticket counter and employee break area have direct control of airflow and temperature. In fact, this improvement increases comfort levels of nearby airline counters as well. Gardiner Trane will continue its long-standing relationship with Hopkins by servicing its equipment and developing solutions to make traveling in Cleveland even more comfortable.

“It’s simple. Gardiner Trane will continue to get business from us because we have confidence in the work they do.”

Fred Mack, Supervisor, Electrical Department



Systems Overview

Continental Airlines Ticket Counter

- Retrofit Existing Duct Systems
- Rooftop HVAC Systems
- Integrated with Existing Control Systems
- Increased Air Delivery
- Independent Unit Operation

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For more information on Gardiner Trane Solutions, visit
www.gardinertrane.com or contact us at 440.248.3400