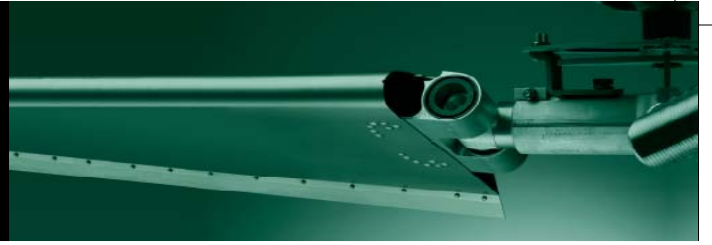


REVOLUTION™ FAN CASE STUDY



COLLEGE CITY BEVERAGE

Revolution fan easily handles safety, worker comfort issues.

Being a distributor of energy drinks, soda, and beer requires precision temperature control in many different areas of a warehouse. Monitoring and ensuring that temperatures remain constant in keg rooms, cooled warehouse areas, truck bays and the loading docks is a high priority for operations managers at these locations.

Located about 40 minutes from the Twin Cities suburb of Dundas, MN, College City Beverage prides itself on the ability to bring quality products to its customers in a timely manner.

The company also prides itself on the comfort and safety of their employees despite the controlled temperature differences often found throughout their facility.

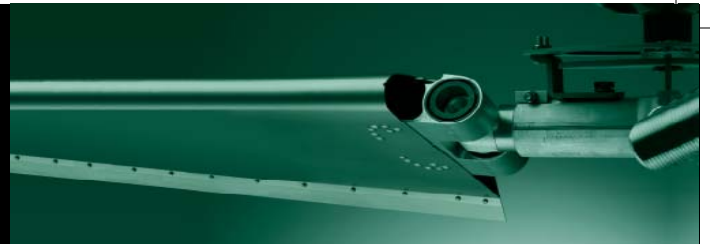
One effective solution to help College City Beverage maintain its high levels of safety and worker comfort was to recently install two Revolution High-Volume/Low-Speed (HV/LS) industrial ceiling fans in the truck bay at their new distribution center.



Two 24' HV/LS Revolution Fans were installed to help keep College City Beverage employees comfortable.



REVOLUTION™ FAN CASE STUDY



Safety First

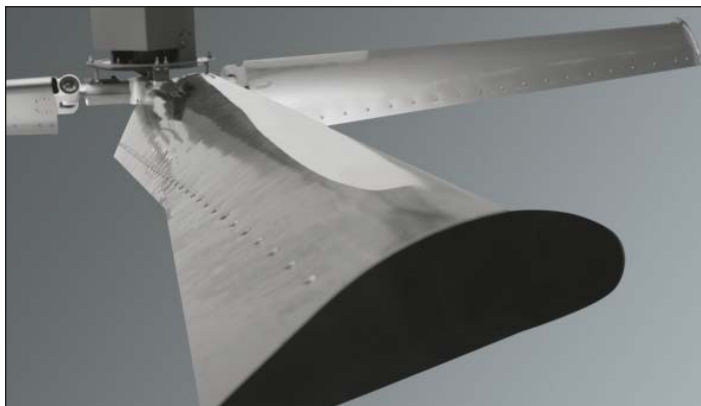
According to College City Beverage Operations Manager Tim Ritter, the facility has a challenging environment where temperatures can be in the 40's during the winter months and reach the high 80's during the summer months. He adds that the temperature has a profound impact on overall comfort and productivity.

"In our receiving area where the loading docks are located the temperature is 72 degrees," Tim explains. "In the truck bay area where the two fans are located it is 10 degrees cooler. These industrial fans help with personal comfort not only for our workers inside, but for the truck drivers as well."

Tim explains that the city drivers are in the building for an hour to an hour and a half before leaving in the morning. Then at the end of their day, the drivers spend another 45 minutes to an hour for unloading and checking vehicles. College City is finding that after a long day, the extra comfort created by the fans pays huge dividends.

On an average night in the College City Beverage truck bays, the company loads 18 to 20 city delivery trucks that travel to customer locations throughout their territory. Routinely after a truck wash, the delivery trucks enter the truck bays for loading and unloading through two bays with overhead doors.

It is a College City policy that the overhead doors remain closed for security reasons, temperature control, and to keep bugs and pests out of the truck bays and warehouse.



With the Rite-Hite Revolution™, you get more. More air movement. More employee comfort. More energy savings. All with the fewest blades of any high-volume/low-speed fan on the market.

When a truck enters the truck bay for loading, water often puddles up on the floor, and snow or slush in the winter months is even worse. This precipitation build-up creates a slippery surface for the truck loading personnel.

"The wet floors create a slick surface resulting in safety concerns," Tim says. "We needed something to help eliminate the slippery surface."

To help dry the floor, the company installed two 24-foot Revolution Fans on each end of the 20,000 square foot truck bay to help move the stagnant warm air trapped at the ceiling toward the ground.

With the advanced design of the Revolution Fan, four aluminum Propell-Aire™ blades, which vary in width and pitch angle along their entire length, move more than 360,000 cubic feet of air per minute. The unique blade design moves air more consistently below the entire length of the blade.

The Propell-Aire design helps to increase the airflow by extending the reach up to seven times the fan's diameter for the three-shift operation at College City Beverage.

Immediate Energy Savings

Using a state-of-the-art electronic, temperature system that monitors the facility 24/7, College City could immediately feel and begin to measure the impact. With operating costs of roughly 10 cents an hour, the Revolution Fans could pay for themselves in as little as 6 months through lower energy costs.

"Based on the initial specifications, I feel we are saving 10 to 15 percent in our cooling costs," Tim says. "I am excited to see what we will be saving in the winter months."

At the end of the day, according to Ritter, the Revolution Fan's ability to keep employees comfortable and safe even in a harsh climate is what he enjoys.

For more information on learning how to reduce your energy costs, call your local Rite-Hite distributor for a free energy analysis.

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SCAN

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