



CHALLENGE

Located in Lafayette, La., Schilling Distributing Company, Inc., has been in business since 1950. As a beverage distributor, constant traffic from loading and receiving created a hot, uncomfortable atmosphere in the warehouse. Excessive heat from the old-fashioned light fixtures added to the discomfort while humidity caused the concrete floors to perspire, creating a slippery mess for workers. Management knew there had to be an energy-efficient solution to their two-fold problem.

SOLUTION

To combat the issues prevalent in the warehouse, four 18-ft diameter Powerfoil®8 fans were strategically installed in the space. These high volume, low speed fans move massive amounts of air in an energy efficient manner, helping create a cooling breeze for workers while drying up the problematic condensation. To address the outdated lights, the Big Ass Lighting team used a photometric model to determine the layout and number of new LED fixtures needed to reduce energy consumption while improving light distribution. The resulting LED solution reduced the number of fixtures from 178 to 160, significantly lowering the operating temperature of the lights as a whole. To further increase energy efficiency, motion sensors were installed to automatically turn the lights off after 15 minutes of inactivity. These efforts combined enabled the Schilling Distributing Company to save more than \$24,000 per year on utility bills.

“It would take 10 minutes for our old lights to warm up and turn on. We are really pleased with the instant on and off of the new LEDs. I am very happy with both the fans and lights—they have been a great investment.”

Andrew Grady
 Chief Financial Officer
 Schilling Distribution

Big Ass Fans has the solution for every air movement need!



Overhead



Portable



Misting



Directional



Controllers



Lighting

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