CASE STUDY
E-COMMERCE SHIRT FULFILLMENT

JOHNSON
AIR-ROTATION® HVAC SYSTEMS

JOHNSON AIR-ROTATION HVAC SYSTEMS HELPS EMPLOYEE RETENTION IN A HIGH HEAT GAIN PRINTING & FULFILLMENT FACILITY

Application:
An e-commerce shirt fulfillment and printing company was in need of a cooling system for their warehouse and production facility. The company prints silk-screen shirts and ships them for a very low cost, meaning their machines are constantly running and heating up the space.

Market:
Florida

Building Size:
15,000 SQ. FT.

System Style and Quantity:
One Indoor Wall Mounted Cooling System

DESIGN AND BUILDING COMPLICATIONS

The facility had a large heat load due to several printing machines throughout the space. These machines include: dryers that vent out upwards of 230 degrees due to their internal exhaust cooling fans and shirt presses that would reach up to 160 degrees on the outside. The warehouse would get up to 110 degrees from both the heat of the machines and the high humidity from the Florida atmosphere, which resulted in a very uncomfortable work environment. The main goal of the customer was to bring the warehouse temperature down to under 80 degrees, since they were losing employees, and to have additional filtration in the space.

Johnson Air-Rotation HVAC Systems provided the customer with one cooling system that exceeded their cooling requirements, added filtration to the space, and helped the customer with employee retention now that it was a comfortable working environment.

Manufactured in the USA

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