

Case Study Report



Project Identification

Customer: Just Packaging
Location: Indianapolis, Indiana

Design Specifications

Facility Warehouse 48,155' x 30' High
Winter Operation 70° – 0°



Project Challenge:

Just Packaging purchased an existing facility that had a heating system that only provided freeze protection 45° - 0° and didn't meet ASHRAE 62.1 fresh outside air requirement. Just Packaging wanted a system that would heat to 70° - 0°, provide summer ventilation and meet all codes.

Equipment Solution:

Air Energy supplied (2) ER-142-400 and (1) ER-242-800 with a roof mounted intake hood. The Rack Units heated the facility to 70°, provided (2) Air Turnovers per hour for summer ventilation and achieved ASHRAE 62.1 fresh air requirement. The Racks were operated by a wireless energy management system that utilized unoccupied hours to reduce utility usage.



Results of Rack System:

Just Packaging Experienced Annual Savings totaling **\$15,420**:

- Electrical – 52,298 kW at \$.10/kW
- Natural Gas – 12,735 therms at \$.80/therm

Just Packaging received verified Citizens Gas Rebate:

- Citizens – Natural Gas– **\$10,188**

