

# Case Study Report



## Project Identification

Customer: Opus Packaging  
Location: Whitestown, Indiana

## Design Specifications

Facility Warehouse 168,400' x 36' High  
Winter Operation 70° – 0°



## Project Challenge:

Opus Packaging built a brand-new distribution warehouse in Whitestown, IN that they wanted to heat to 70° in the winter months. They wanted their HVAC system to provide consistent temperatures from floor to ceiling in the warehouse with the most energy efficient heating equipment.

## Equipment Solution:

Air Energy provided (4) ER-242-800s + (4) 24" x 36" Intake Hoods to meet ASHRAE 62.1 fresh air code. The Racks maintained 70° throughout the facility. The intake hoods are incorporated with night setback thermostats to reduce therm and electric usage while Maxxis Tires is unoccupied, **resulting in utility savings of \$.19/sf.**

## Results of Rack System:

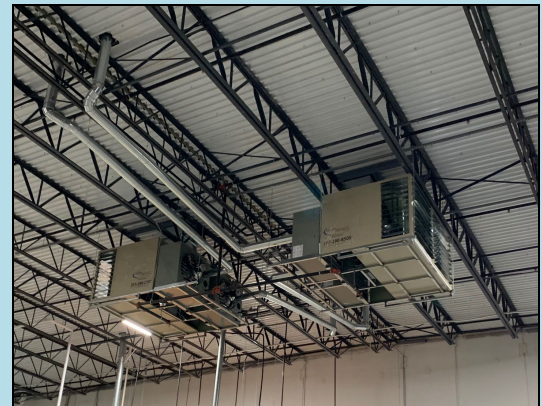
Opus Packaging experienced Annual Savings totaling **\$26,352:**

- Electrical – 58,815 kWh at \$.10/kWh
- Natural Gas – 27,295 therms at \$.75/therm

**Carbon Footprint Reduction: 200 tons of CO2 emissions annually**

Opus Packaging received verified Vectren Rebate:

- Vectren – Natural Gas: **\$27,296**



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