

# Case Study Report



## Project Identification

Customer: Anson Building #4  
Location: Whitestown, Indiana

## Design Specifications

Facility Warehouse 148,400' x 36' High  
Winter Operation 70° – 0°



## Project Challenge:

Browning/Duke Development built a distribution warehouse in Whitestown's Industrial Park. This facility was built with the intention of housing multiple tenants in the future. Browning/Duke wanted an HVAC system that would maintain 70°, provide 1.5 air turnovers for summer comfort and minimize utility costs.

## Equipment Solution:

Air Energy provided (3) ER-242-800s + (3) 24" x 36" Intake Hoods. The equipment allows the facility to maintain 70°-0° no matter how the building is divided into tenants. The intake hoods are also sized to meet ASHRAE 62.1 Fresh Air Code for multiple tenants. By installing The Rack System, **Anson #4 saved \$.20/sqft in operating costs and received a rebate of \$21,100.**



## Results of Rack System:

Anson Bldg. #4 experienced Annual Savings totaling **\$29,680:**

- Electrical – 68,620 kWh at \$.10/kWh
- Natural Gas – 28,522 therms at \$.80/therm

Anson Bldg. #4 received verified Vectren Rebate:

- Vectren – Natural Gas: **\$21,100**