

Case Study Report



Project Identification

Customer: Anson Building #2
Location: Whitestown, Indiana



Design Specifications

Facility Warehouse 148,800' 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 #2 saved \$.20/sqft in operating costs and received a rebate of \$17,600.**



Results of Rack System:

Anson Bldg. #2 experienced Annual Savings totaling **\$29,925:**

- Electrical – 68,620 kWh at \$.10/kWh
- Natural Gas – 28,827 therms at \$.80/therm

Anson Bldg. #2 received verified Vectren Rebate:

- Vectren – Natural Gas: **\$17,600**