

# Case Study Report



## Project Identification

Customer: DA Lubricants  
Location: Lebanon, Indiana

## Design Specifications

Facility Warehouse 250,000' x 32' High  
Winter Operation 65° – 0°



## Project Challenge:

DA Lubricants built a brand new 250,000' Distribution Warehouse in Lebanon that needed to be heated to 65°. The owners were looking for an energy efficient product that would provide heat in the winter and aide with ventilation and cooling in the summer.

## Equipment Solution:

Air Energy Systems designed a system that incorporated (7) Rack Units with intake louvers and exhaust fans. The (7) Rack Units dispense 4.8 mbtu of heat evenly throughout the space, so that there isn't more than 2° difference anywhere in the space. During the summer the Rack Units and louvers bring in cool air at night to temper down the facility. The constant air movement ensures maximum comfort all year.



## Results of Rack System:

DA Lubricants received verified Vectren Gas Rebate:

- Vectren – Natural Gas– \$22,146

Using the Rack System for summer ventilation saved DA Lubricants having to install cooling units.

