

Case Study Report



Project Identification

Customer: Hut Group
Location: Shepardsville, Kentucky

Design Specifications

Facility Warehouse 300,000' x 36' High
Winter Operation 70° – 0° Summer Operation 72° – 98°



Project Challenge:

The Hut Group built a new distribution warehouse in Shepardsville, KY to store their nutrition supplements, vitamins, beauty supplies and other products. This facility was required to meet strict climate control requirements set forth by the FDA and The Hut Groups suppliers.

Equipment Solution:

Air Energy designed a heating and cooling system that would keep a constant temperature of 70 ° +/- 2° year around. The (6) Rack Units incorporated with (6) 25 Ton Split Roof Top Units deliver heat in winter and tempered air in the summer.

The Return on Investment from the installing the ER-242s was less than 1 year.



Results of Rack System:

Hut Group experienced annual savings totaling **\$69,125**:

- Electrical – 365,000 kWh at \$.10/kWh
- Natural Gas – 40,780 therms at \$.80/therm

The Hut Group saved over 41% in utility costs annually.