

THE RACK: THE MOST AFFORDABLE HEATING SYSTEM AVAILABLE

CASE STUDY REPORT



CUSTOMER: Kruse International Auction Park **LOCATION:** Auburn, IN **CONTRACTOR:** Korte Electric, Inc.

DESIGN SPECIFICATIONS: An air rotation system that would provide a comfortable indoor environment for its customers.

PROBLEM: Kruse International wanted the air movement and comfort level of an air rotation unit. Kruse International is an auction house for every type of automobile available on the market, old and new. During their auction week, Kruse International has upwards of 250,000 people go through their facilities. They required the units to have large volumes of air movement with low noise levels. Also Kruse International due to the large volume of people in there was not willing to give up any of their floor space.

SOLUTION: Korte Electric had used Air Energy Systems, Inc. ER units on their previous jobs. Korte felt the ER system would be a perfect fit for the Kruse International facilities. The units were sized to provide three (3) air turn-overs per hour. Both Korte Electric and Kruse International were very pleased with the energy rotation equipment performance in their facility.

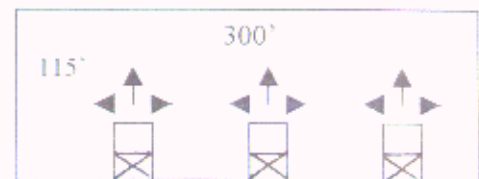


BUILDING DESIGN

608' X 125' X 36'
Roof: R-19
Walls: R-11
D/Temp: 70°- 0°

EQUIPMENT DESIGN

Model: (3) ER-242-780
CFM Input: 99,900
DBA: 70
BTU/HR Input: 2,340,000



BUILDING DESIGN

300' x 115' x 36'
Roof: R-19
Walls: R-11
D/Temp: 70° - 0°

EQUIPMENT DESIGN

Model: (3) ER-142-390
CFM Input: 49,500
DBA: 70
BTU/HR Input: 1,170,000