

Case Study Report



Project Identification

Customer: Prologis – Building 29
Location: Indianapolis, Indiana

Design Specifications

Facility Warehouse 96,000' x 32' High
Winter Operation 65° – 0°

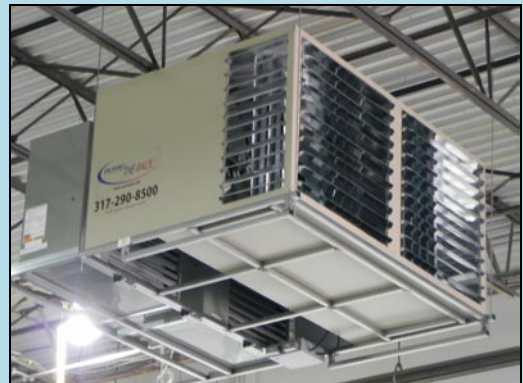


Project Challenge:

Prologis wanted to upgrade the heating system in a recently acquired warehouse space in Indianapolis. The previous tenants heated the space with (20) 61.7% unit heaters, which led to inefficient gas consumption, high stratification rate and didn't meet outside air requirements.

Equipment Solution:

Air Energy Systems designed a system consisting of (3) ER-242-800 Rack Units and (2) Fresh Air Intake Hoods. The Rack Units heat the facility efficiently while delivering consistent temperatures throughout the space. The Intake Hoods bring in fresh air during occupied hours to meet ASHRAE 62.1 in the winter and during unoccupied hours in the summer to cool the facility.



Results of Rack System:

Prologis experienced Annual Savings totaling **\$17,973**:

- Electrical – 50,500 kW at \$.10/kW
- Natural Gas – 15,897 therms at \$.75/therm

Prologis received verified Citizen Gas Rebate:

- Citizen Gas – **\$11,923**

