

Case Study Report



Project Identification

Customer: Carmel Racquet Club
Location: Carmel, Indiana



Design Specifications

Facility Warehouse 96,000' x 20' High
Winter Operation 65° – 0°

Project Challenge:

Carmel Racquet Club was being heated by their old high bay lights, when they upgraded to LEDs they needed to install a heating system. They were looking for a system that could heat the facility to 65°, was energy efficient and that could provide summer ventilation.

Equipment Solution:

Air Energy provided an (2) ER-242-800s with (2) 72" x 72" Intake Louver to meet ASHRAE 62.1. In the summer The Racks provide 2 air changes per hour for summer ventilation. The Racks bring in cooler air overnight through the intake louvers which cool the facility without the need for Air Conditioning.



Results of Rack System:

The Rack Units provided the ideal heating and ventilation system for Carmel Racquet Club. The (2) ER-242-800s were able to efficiently heat the facility without interfering with tennis matches and provide 2 Air Changes for summer ventilation.

