

OVER \$42,000 SAVED IN 5 MONTHS!

Airius Fans and National Resource Management Inc. (NRM)
developed a solution which increased energy savings by
33.28% over the *first five months* of operation.

Energy Usage in kWh/Day

| | Before | After | % Savings |
|-----|--------|-------|-----------|
| Nov | 5,481 | 4,227 | 22.88% |
| Dec | 5,164 | 3,330 | 35.52% |
| Jan | 5,096 | 3,123 | 38.72% |
| Feb | 5,088 | 3,135 | 38.38% |
| Mar | 4,831 | 3,338 | 30.90% |



NRM's turn-key optimization, monitoring, and analysis tools maximize HVAC operational efficiency.

About NRM: National Resource Management implements state-of-the-art controls and automation solutions, with a unique focus on commercial and industrial refrigeration. NRM's total end-to-end ownership of the energy analysis, turn-key system design and implementation, and delivery of customer outcomes and support have made NRM the premier refrigeration specialist for utility programs, regulatory agencies, ESCOs, and energy efficiency contractors nationwide.

About Airius: Airius®, the manufacturer of the Air Pear® and Designer Series fans, destratifies unlike any other product on the market. The combination of our patented stator system and tapered Venturi design moves air 8-125+ feet vertically using minimal power to balance temperatures from floor to ceiling and wall to wall while reducing HVAC costs.

An array of 70 low-wattage Airius destratification fans were part of a strategy implemented by National Resource Management Inc. to increase the time between cycles of power-hungry 1 to 2 horsepower ventilation motors (total load of 62kW) from 7 to 20 minutes.

To make this possible, Airius destratification fans were added to the 36ft. high warehouse ceiling to maintain thermal equilibrium throughout the space, floor to ceiling and wall to wall.

By recirculating the conditioned air in the cold storage space, NRM's controls were able to optimize the facility's energy usage for a 33.28% decrease in energy use and a total refrigeration savings of 60%.

The reduced electrical load from running Airius fans in lieu of large ventilation fans, along with the increased cycle times programmed by NRM, are responsible for a significant portion of the savings.

Whether you are a wholesaler, distributor, manufacturer or 3rd party logistics provider, your cold-storage facility can financially and operationally benefit from a partnership with Airius and NRM.



Airius destratification fans balance temperature deltas from floor to ceiling, saving energy and extending the life of HVAC equipment.