

Aurora, Ohio

PACKAGING FACILITY

Precision Refrigerants Use Case 2024

CHALLENGE

One of the nation's fastest growing, privately held Specialty Ingredient Distributors and OTC Drug Manufacturers is interested in reducing operating costs and helping to reduce impact on global warming. The company wanted a solution to make its headquarters more energy efficient and environmentally friendly, without disrupting operational throughput.

ABOUT ZOETIC REFRIGERANTS

Precision is proud to introduce a groundbreaking solution to the market—a refrigerant designed to save up to 35% on energy costs. Our product stands at the forefront of climate technology, offering immediate relief from soaring energy prices and extreme weather. It doesn't just cut costs; it drastically reduces carbon emissions, aiding governments and corporations in their quest for a more sustainable footprint.



Up to 35% Energy Savings



True Drop In No Equipment Change Needed



Return On Investment Typical Payback
12-15 Months



SOLUTION

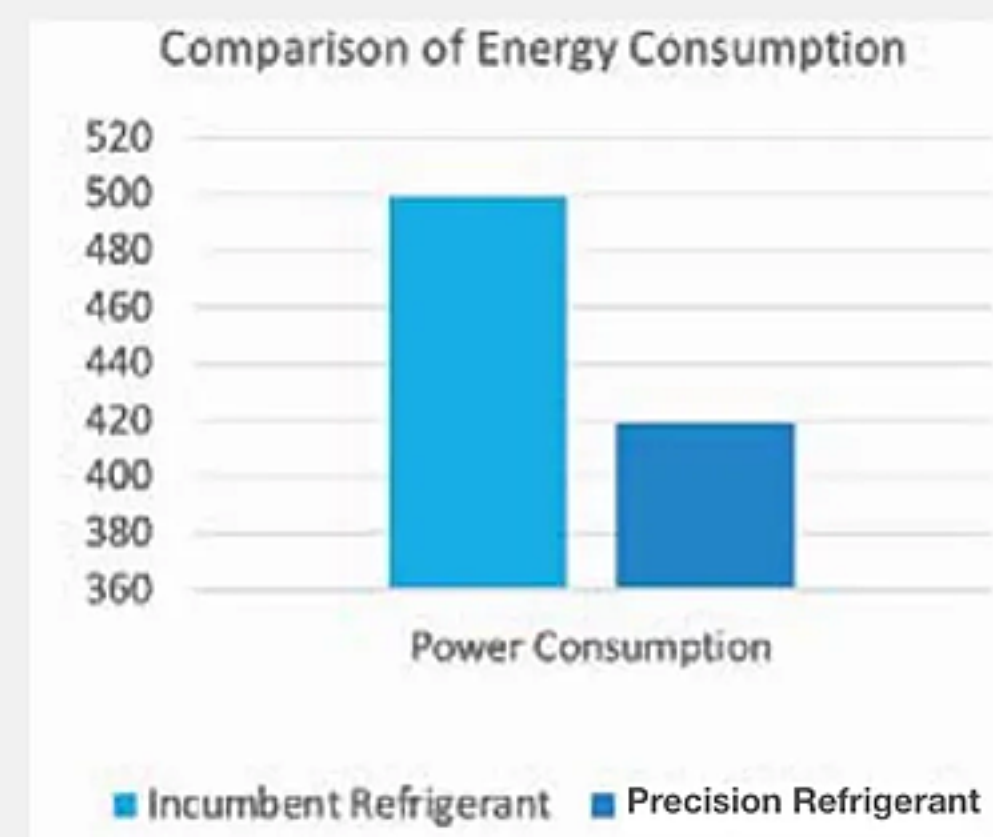
The owner worked with Precision Refrigerants' engineers to determine a suitable air conditioner to evaluate a field retrofittable refrigerant (ZR410A) - a patented in field replaceable refrigerant that enables customers to save electrical consumption in their HVAC or Refrigeration application simply by reclaiming the current refrigerant and replacing it with the equivalent Precision Refrigerant. The location selected was a 7.5-ton air-cooled RTU unit servicing their research laboratory located at the headquarters. A multi-week evaluation, including pre-metering, refrigerant change out and a post-installation period, was conducted to capture comparative energy usage data.

THE RESULTS

Reduction in energy consumption was achieved and no measured impact on comfort level was observed. This evaluation compared the same unit, under comparable conditions, two weeks before, and two weeks after installation of Zoetic Refrigerant.

Traditional Refrigerant (Control) vs Precision Refrigerant

- 2 weeks with Traditional Refrigerant
- 20 weeks after Precision Refrigerant Install



**Energy Usage Reduction:
16%**