

Niles, Ohio

# FAST CASUAL RESTAURANT

Precision Refrigerants Use Case 2024

## CHALLENGE

A prominent, Fast-Casual Restaurant is very focused on energy management and operational costs. The company wanted a solution to make locations more energy and to lower operating costs across their entire portfolio without a significant upfront capital cost.

## ABOUT PRECISION 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



## SOLUTION

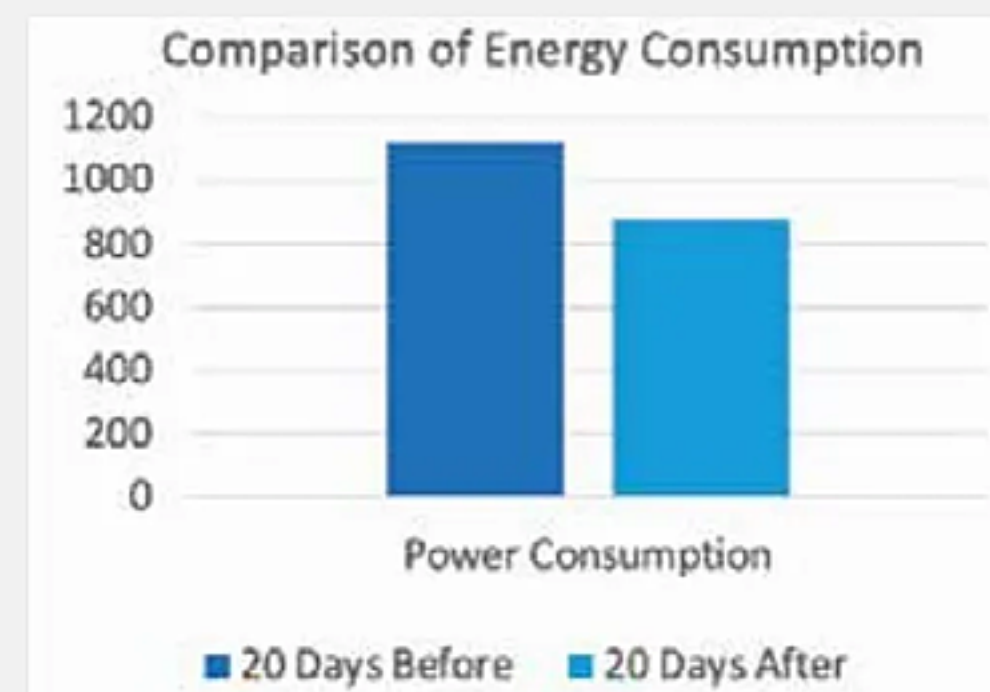
The property manager selected Precision Refrigerant's field retrofitable refrigerant (ZR410A) - a patented in-field replaceable refrigerant that enables customers to save electrical consumption in their HVAC and Refrigeration application simply by reclaiming the current refrigerant and replacing it with the equivalent Precision Refrigerant. The equipment selected was a 10-ton-air-cold RTU unit servicing a medium sized store location. A multi-week evaluation, divided into three phases including pre-metering, normalization period and a post-installation period, was conducted to capture data and measure results.

## 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 ambient conditions, 20 days before and 20 days after the Precision Refrigerant was installed.

Traditional Refrigerant (Control) vs Precision Refrigerant

- 20 days with Traditional Refrigerant
- 20 days after Precision Refrigerant Install



**Energy Usage Reduction:  
21%**