

Orlando, Florida

HOSPITAL

Precision Refrigerants Use Case 2025

CHALLENGE

A large healthcare system organization, with significant holdings in the region, is very focused on energy management and operational costs. The company wanted a solution to make locations more energy and operationally efficient 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 Typical Payback 12-15 Months



SOLUTION

Hospital leadership selected Precision Refrigerants' field retrofitable 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 equipment selected was a 20-ton split unit providing comfort cooling throughout the hospital. A multi-week evaluation, divided into three equal phases including pre-metering, adjustment period and a post-installation period, was conducted to capture data and measure results.

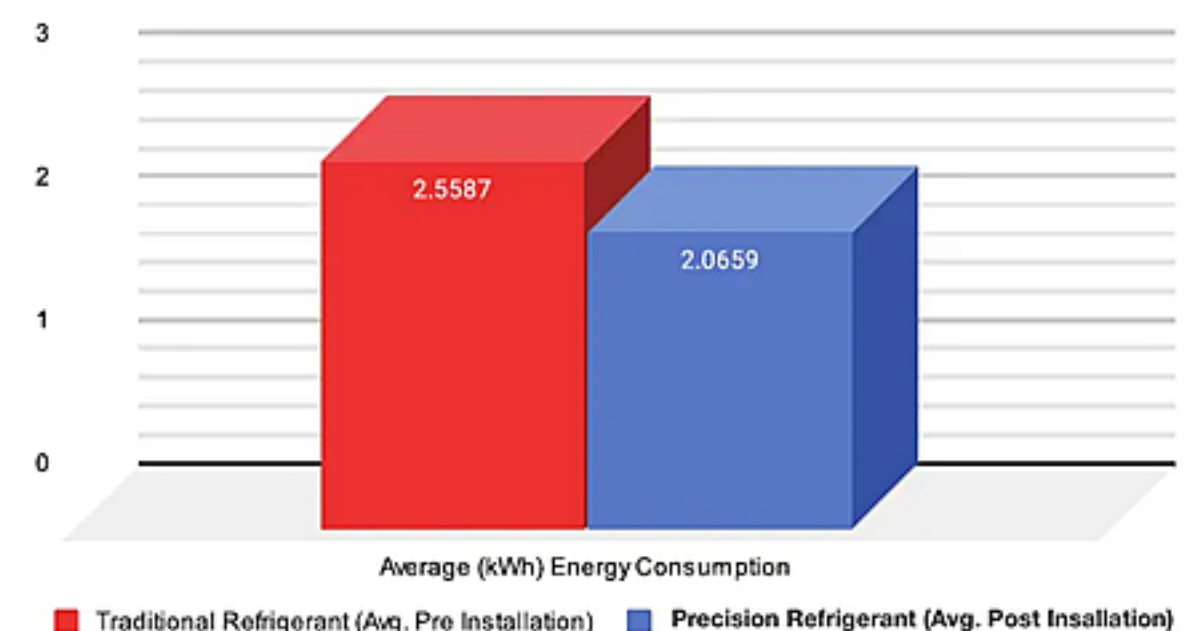
THE RESULTS

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, roughly 30 days before and 30 days after the Precision Refrigerant was installed.

Traditional Refrigerant (Control) vs Precision Refrigerant

- ~30 days with Traditional Refrigerant
- ~30 days after Precision Refrigerant Install

Comparison of Energy Consumption



Energy Usage Reduction:
19%