

Biloxi, Mississippi

DOCTOR'S OFFICE

Precision Refrigerants Use Case 2024

CHALLENGE

A medical center with significant holding in the Mississippi Gulf Coast 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.



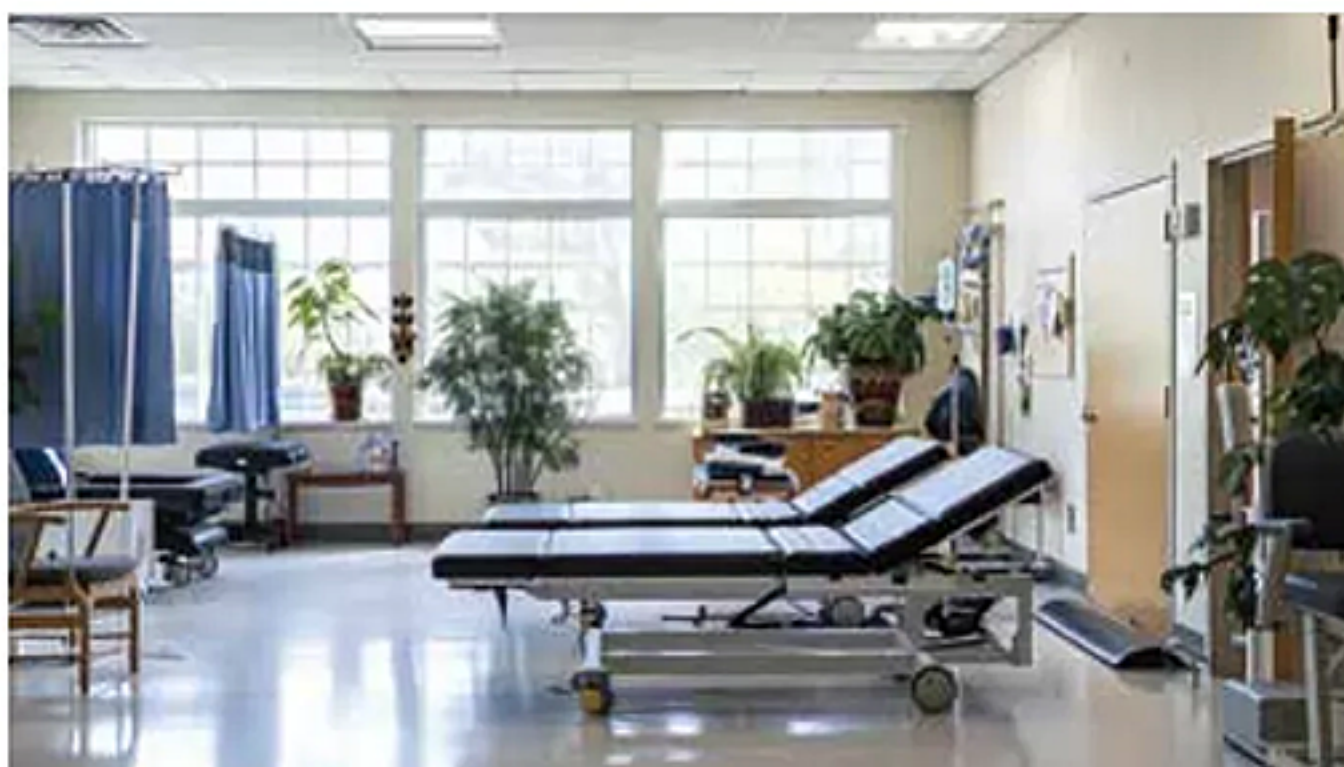
Up to 35% Energy Savings



True Drop In No Equipment Change Needed



Return On Investment Typical Payback
12-15 Months



SOLUTION

The facility maintenance manager selected Precision Refrigerant's field retrofitable refrigerant - 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 5 ton Heat Pump unit. A multi-week evaluation, divided into three equal phases including pre-meteting, adjustment period and a post-installation period, was conducted to capture data and measure results.

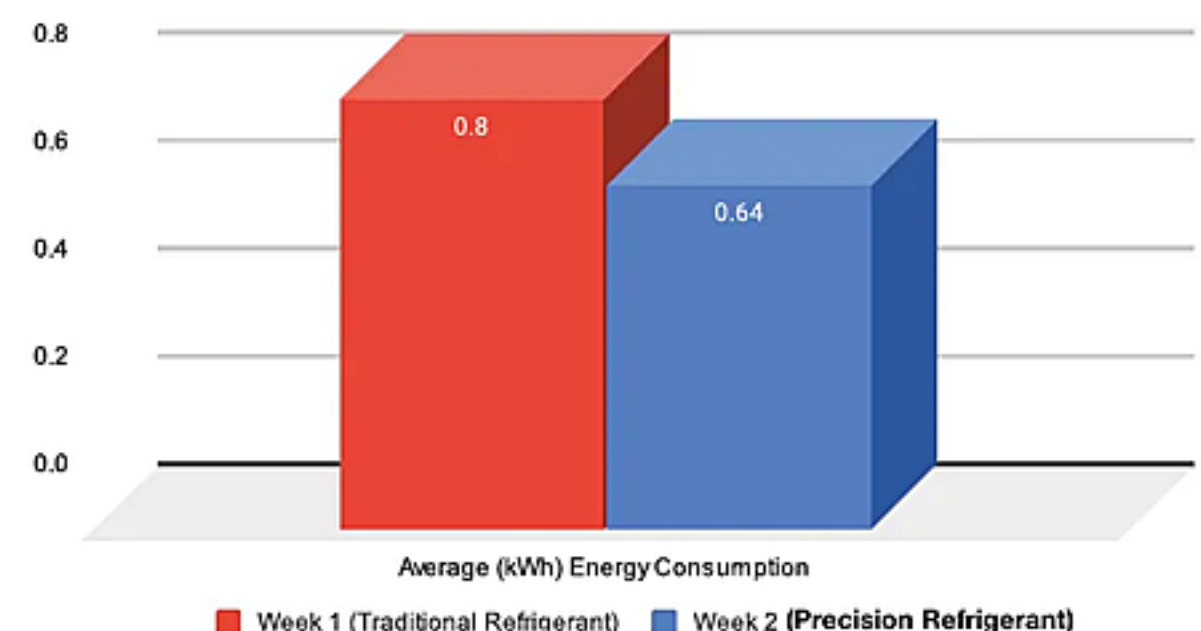
THE RESULTS

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, 7 days before and 7 days after the Precision Refrigerant was installed.

R410 Unit - Heat Pump

- Week 1: Traditional Refrigerant
- Week 2: Precision Refrigerant Installed

Comparison of Energy Consumption



**Energy Usage Reduction:
18%**