



35% Energy Reduction

65% Overall Increased Compressor Life (3 compressors)



Final savings amount

Predicted Lifetime Value: **\$27,456**



Compressor Life

The national average price of a new compressor with refrigerant and install is \$9,000 with an expected lifespan of 10 years. A 65% increased lifespan on a brand new unit would represent a lifespan increase of **6.5 years** and a savings of **\$5,850**.



Project

Initial data monitoring period WITHOUT CUES* yielded that the compressors used 102.48 kWh of energy. Following this initial survey, CUES* was installed and temperatures were adjusted to achieve the desired. Over the same time period WITH CUES*...

...the compressors used 66.43 kWh of energy. This demonstrated an energy reduction of **35%** and achieved an overall compressors cycle reduction of **65%**.

*CUES - Chilled Unit Energy Saver

