



# Drive Energy Savings Through Increased System Capacity

💡 Reduce Energy Consumption

💡 Favorable Payback Period

💡 Proven Quantifiable Savings

AQUIS Optimization Solutions deliver quantifiable energy savings from your AHU coils. Our patented Coil and Tube Restoration processes utilize a high-performance probiotic technology to unlock lost coil capacity. This paves the way for a significant reduction in energy consumption as seen in the graph below.



AQUIS Coil Restoration Process

Licensed by Biömik

"I've worked with AQUIS in successfully restoring hundreds of air handlers. Their restoration processes have been a key ECM for our large government projects."

– Tom M., AQUIS ESCO Partner

## PROVEN RESULTS

AQUIS Optimization Solutions has a proven track record of results. The following table represents average results from energy studies conducted on over 20 AHUs nationwide.

Parameter	Results
Airflow	▲ 10%
Cooling Coil Capacity	▲ 14%
Chilled Water $\Delta T$	▲ 8%
Energy Consumption	▼ 19%
Simple Payback	10 - 18 months

## ENERGY SAVINGS - AREAS OF OPPORTUNITY

### 💡 Reduce Fan Energy by Increasing Airflow

A 10% reduction in fan speed equated to a 27% reduction in energy usage.

### 💡 Reduce System Energy by Increasing Coil Effectiveness

Increased coil effectiveness decreased the required chilled water which decreased the load on the chiller plant.

*Contact us to schedule a free assessment and discover the energy savings AQUIS can help your organization achieve today!*



Leaders in Air Handler Renewal