

# Symposium <sup>2012</sup>

UptimeInstitute

IceCOLD® Data Center Installation  
\$900k Annual Savings

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DIGITAL INFRASTRUCTURE  
CONVERGENCE™

# IceCOLD® Pilot Installation

Data Center: 200,000 square feet

Pilot area: 1,500 square feet

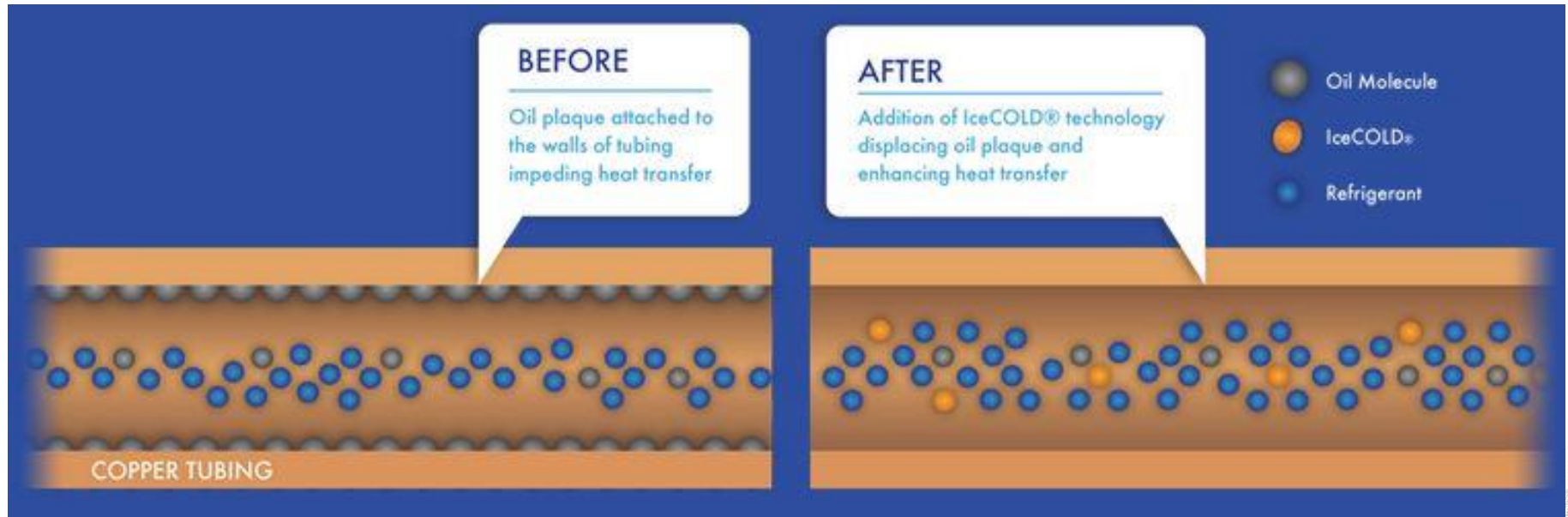
20 minutes to install

AC electricity use measured before and after installation by SourceOne



## Background

Catalyst breaks up oil fouling by removing oil surface tension



15% to 30% cooling efficiency improvement



## History

Over 10,000 installations, including Fortune 500 companies



Applications: air conditioning and refrigeration systems  
office buildings, hospitals, homes, CDC's, restaurants

Efficiency gains continue for the lifetime of the equipment

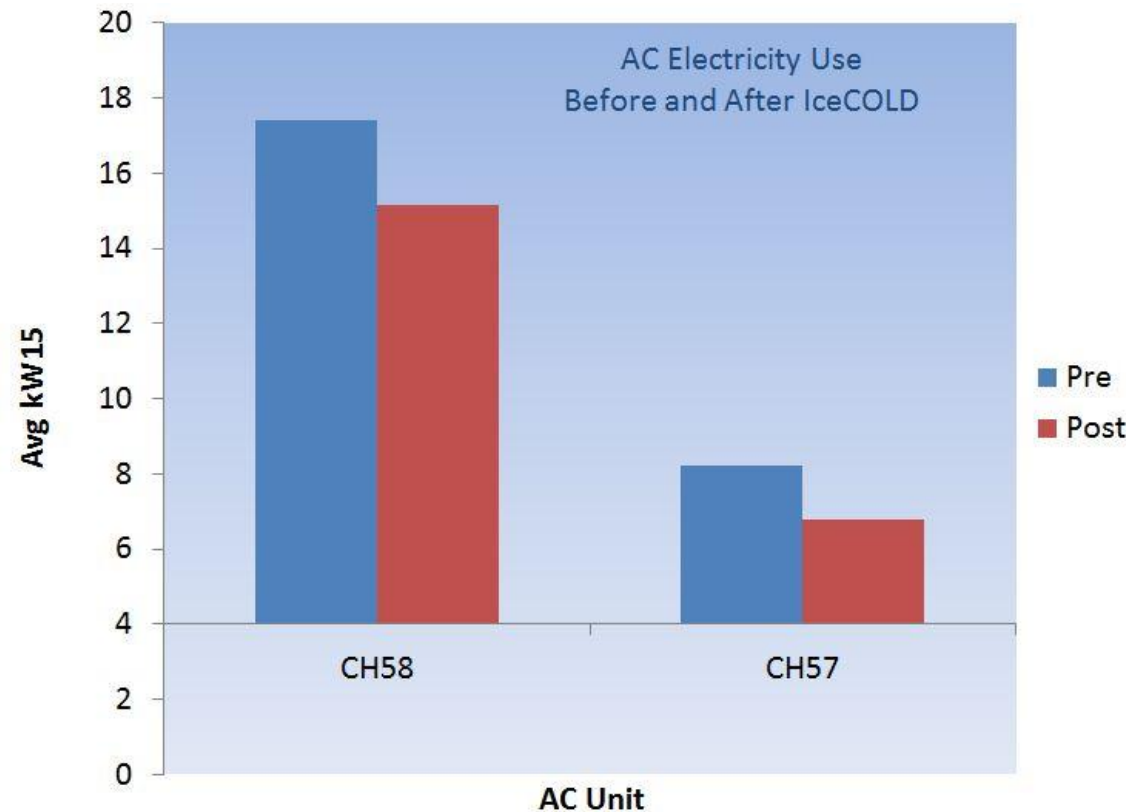
## Case Study Results

15% less electricity use

Estimated \$922,000  
savings per year

Payback: 6 months

ROI: 500%+



## Summary

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\$922,000 annual savings after IceCOLD® installed

20 minutes per AC unit to install with no downtime

6 month payback, ROI 500%+