

IceCOLD®

energy savings technology for your HVAC system



CUSTOM REFRIGERATION SOLUTIONS

Installation

IceCOLD® is easy to install by an HVAC Technician without disrupting the system's operation and is compatible with all major refrigerants and HVAC / Refrigeration systems.

Life Span

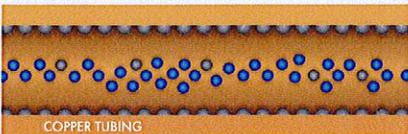
IceCOLD® is a onetime treatment in A/C units and only requires a small booster charge in Chillers after 8-10 years.

Oil Fouling

Compressor oil moves throughout the system with the refrigerant. Oil molecules adhere to the coils and tubing which reduces heat transfer. ASHRAE states that oil fouling can reduce system efficiency by 30+%.

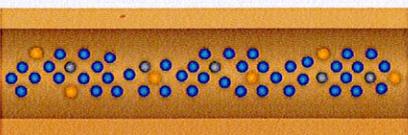
Before

Oil Fouling molecules adhere to coils and tubing which reduces heat transfer and efficiency.



After

Oil Fouling molecules on the coils and tubing are reduced after treatment with IceCOLD® restoring the systems heat transfer ability and efficiency.



Unique Award-Winning Technology!
Payback less than 12 months in most cases!
Warranty backed by a \$12,000,000 insurance policy!

Custom Refrigeration Solutions

816-287-5422

What is it?

IceCOLD® is a synthetic catalyst technology that enables HVAC systems to run more efficiently. It has been proven to save customers an average of **20+%** on energy costs by reducing KWH usage.

How does it work?

IceCOLD® contains two synthetic catalysts and a lubricity agent that enables HVAC/Refrigeration systems to run at maximum efficiency.

The **FIRST CATALYST** breaks the surface tension (van der Waals) forces between oil molecules. This breaks up the oil fouling and allows for maximum efficiency in heat exchange.

The **SECOND CATALYST** causes the refrigerant to evaporate at a lower temperature. This pulls more heat from the supply air so the fan blows colder air

The **LUBRICITY AGENT** increases the lubricity of the compressor oil by up to 54%. This means the compressor will perform better and last longer.

*SAE



AUTOMOTIVE COMMERCIAL/INDUSTRIAL RESIDENTIAL

IceCOLD® reduces energy costs & carbon emissions

IceCOLD® enables the air conditioning system to reach the temperature set point faster by delivering colder air. Shorter run times use less electricity/KWH, resulting in lower utility bills and a reduction in carbon foot print. A 20+% reduction in run time will lower maintenance costs and extend the life of the equipment. Installing IceCOLD® does not void manufacturer's warranty.

