

Automate
Cooling Coil Cleaning

Optimize
HVAC System Performance

COILCARE[®]
CC-X

www.biozonescientific.com

- Consistent Cooling Coil Performance
- Meet Building Cooling Conditions
- Reduce Time Used for Management and Labor
- Fewer Bacteria and Viruses in the Air
- Significant Energy Savings

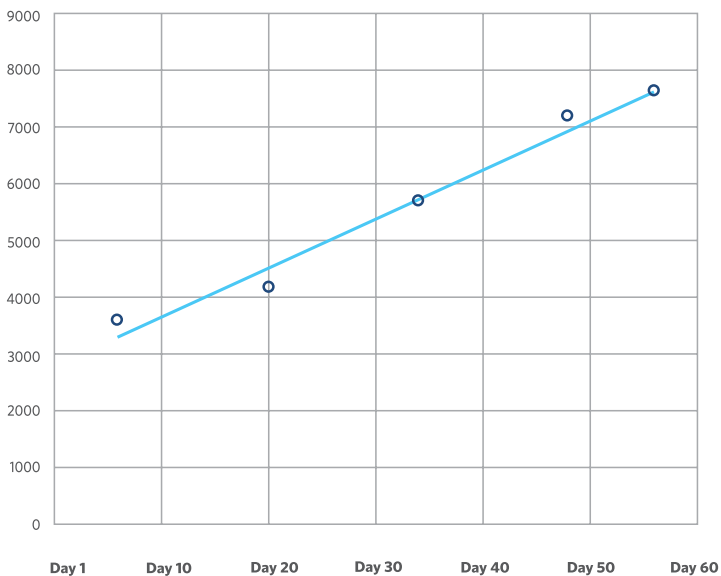

BIOZONE[®]
SCIENTIFIC INTERNATIONAL

Automated and Chemical-Free Cooling Coil Preventive Maintenance System

CoilCare® CC-X Restores the Thermal Efficiency (U-Value) of Cooling Coils

CC-X has demonstrated significant restoration of thermal efficiency of cooling coils, as in this case below, where U-value was improved over 100% in two months, from 3512 W/m².K up to 7629 W/m².K.

IMPROVEMENT ON U-VALUE WITH TIME AFTER INSTALLATION OF CC-X



Automation = Less Time Required for Management and Labor

Most organizations are struggling with shrinking maintenance budgets and reduced labor forces, while performance goals and expectations are rising.

CC-X automates cooling coil cleaning and is practically maintenance-free.

CC-X is chemical-free, which is beneficial for cooling coils, maintenance personnel and the environment.

CC-X's powerful disinfection prevents bacteria, viruses, and organic growth from reproducing and multiplying on cooling coil surfaces. This also dramatically reduces airborne organic growth throughout the entire HVAC system, thus improving indoor air quality (IAQ) and bringing in all related occupational health benefits.

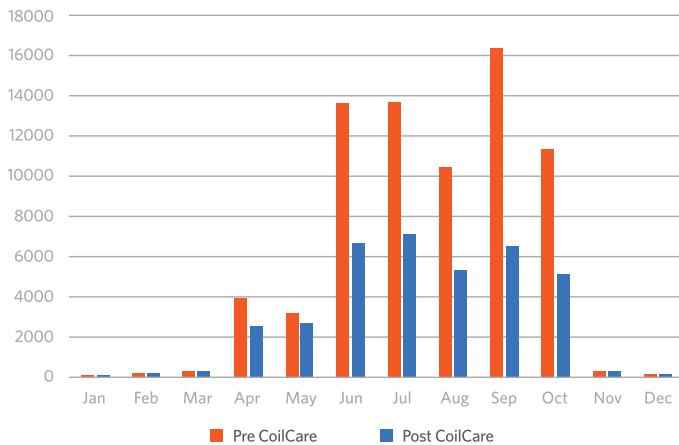


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COILCARE® CC-X

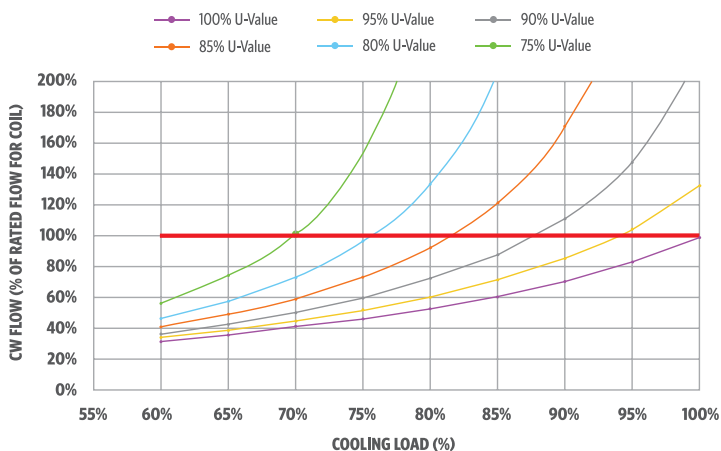
CHILLED WATER FLOW TONNES/MONTH



Restored U-Value Enables Performance Optimization of Entire HVAC Systems

The graph above demonstrates how CC-X reduces the requirement for chilled water to generate equal cooling. Optimizing the circulation of chilled water is also a key component in saving energy within an HVAC system.

GRAPH SHOWING HOW CHILLED WATER FLOW VARIES WITH LOAD AND U-VALUE



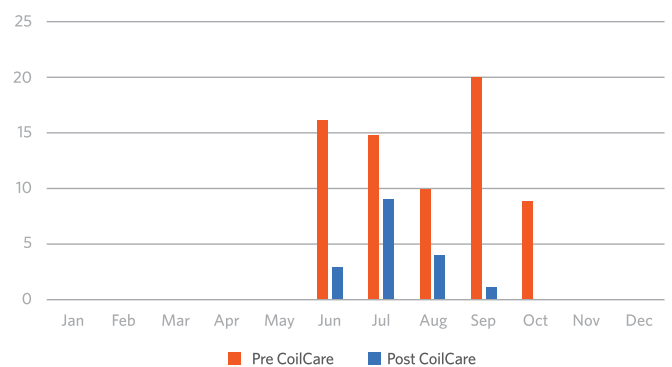
The Graph Above Shows How the Required Chilled Water Flow Varies with Cooling Load and U-Value

If U-value is compromised just 10% while the system load is 100%, the requirement for chilled water is more than doubled to generate the same amount of cooling.



CoilCare® significantly improves IAQ and the operational efficiency of the building cooling system resulting in energy savings, improved cooling capacity, and reduced wear and tear on pumps and chillers.

DAYS PER MONTH BUILDING COOLING CONDITIONS NOT ACHIEVED



As shown above, restored thermal efficiency enables the entire HVAC system to return to its peak performance, thus reducing the number of days when the HVAC system is not able to meet building cooling conditions, which is a commonly found phenomenon, globally.

About BioZone Scientific

BioZone Scientific designs and manufactures ultraviolet light commercial and industrial applications, creating systems for sanitation, preventive maintenance, and odor control solutions. We serve customer needs through our commitment to science, total solutions, and support. BioZone's systems are used in restaurants, healthcare facilities, schools, hotels, airports, and other commercial institutions.

Headquartered in Orlando, Florida, we serve clients globally, with offices in 5 countries on 3 continents.



Recipient of the National Restaurant Association's
2014 Kitchen Innovations Award

Named to the 2014 Florida Companies to Watch list



FLORIDA
COMPANIES TO WATCH™
CELEBRATING SECOND-STAGE ENTREPRENEURS



Environmental Management System certified to ISO
14001 standards

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