

ElectroLIFE

HVAC Scale, Rust and Microbe
GREEN Removal and Prevention

ElectroLIFE BOILER SCALING REMOVAL

ElectroLIFE saves you money by:

- Removing scaling and rust in your HVAC system
- Preventing new scaling and rust from occurring
- Reducing your electric consumption
- Reducing your dependency for expensive additives or chemicals
- Optimizing your cooling efficiency



2 weeks



2 months

ElectroLIFE CHILLER SCALING REMOVAL

ElectroLIFE saves you money by:

- Removing scaling and rust in your HVAC system
- Preventing new scaling and rust from occurring
- Reducing your electric consumption
- Reducing your dependency for expensive additives or chemicals
- Optimizing your cooling efficiency



After years of chemical treatment

2 months of ElectroLIFE



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ANNUAL COST vs. CONVENTIONAL PROCESSES

TREATMENT METHOD	SCALE REMOVAL CALCIUM- MAGNESIUM	RUST REDUCTION/ PREVENTION	MICORBIAL REDUCTION/ PREVENTION	SILICA REMOVAL
ELECTROLIFE PROCESS	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
CHEMICAL TREATMENT	GOOD	GOOD / NON EFFECTIVE	EXCELLENT	NON EFFECTIVE
ELECTROMAGNETIC PROCESS	SEMI EFFECTIVE	NON EFFECTIVE	NON EFFECTIVE	SEMI EFFECTIVE
MAGNETIC PROCESS	SEMI EFFECTIVE	NON EFFECTIVE	NON EFFECTIVE	SEMI EFFECTIVE
ION EXCHANGE PROCESS	EXCELLENT	NON EFFECTIVE	NON EFFECTIVE	NON EFFECTIVE
LOW CURRENT AC ELECTROLYSIS PROCESS	GOOD	SEMI EFFECTIVE	SEMI EFFECTIVE	SEMI EFFECTIVE



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FREQUENTLY ASKED QUESTIONS

- How does ElectroLIFE work without chemicals?
- Is there science behind high voltage electrolysis?
- Does high voltage electrolysis really work?
- What does “high voltage” mean?
- Is using electricity and water dangerous?
- How does using this technology save money?



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RETURN ON INVESTMENT

- Scale Prevention and Removal
 - Maximum system efficiency
 - Extend EoL of HVAC system
 - ZERO Chemicals
 - ZERO Acid Washes
 - ZERO Scaling
- Rust Prevention and Removal
 - ZERO Chemicals
- Microbe Prevention and Removal
 - ZERO Chemicals
- Minimizing HVAC Costs
 - Maximum system life expectancy
 - Maximum energy savings
 - Reduced system maintenance costs
 - ZERO toxic footprint in wastewater

ElectroLIFE ROI EXAMPLE

- An average 3 year-old 250 ton HVAC unit using just traditional chemical cleaning processes is:
 - Wasting approximately \$5,000 a year per millimeter of scale buildup in electricity alone.
 - Wasting between \$2,000 and \$5,000 in chemicals every year over the life of the HVAC unit
 - Wasting between \$5,000 and \$10,000 for acid washes, pipe drilling or pipe repairs as a result of scaling
 - Decreasing the life of their HVAC unit by up to 40% as the HVAC system compensates for scaled pipes



ElectroLIFE ENKEI WHEEL

Enkei Wheel

- Assembles after-market alloy wheels
- Needs focused on ensuring effective cooling is applied to the aluminum alloy
- Under a normal cooling application the entrance to the waterways for the outer moldings have scale blockage occurring during every 2-weeks of use
- ElectroLife decreased blockage occurrence from a 2-week period to an 8-week period
- As a direct result of this plant management noticed a 75% decrease in their Quality Control rejection rate

**The direct valuation of the reduction rejection rate equates to
\$800k savings per year per factory**



ElectroLIFE YAMAHA BOATING

Yamaha Boating

- Manufactures ocean-going boats
- Needed to prevent temperature buildup in the operating oil for the fiberglass presses
- Each time the oil heated above the tolerant temperature it needed replacing which cost \$10,000-\$20,000 per replacement
- ElectroLife is currently providing a scale free environment
- As a direct result of this there has not been a reported failure in the overheating of the operating oil

The direct valuation of the overheated oil equates to \$80k-\$160k in oil savings alone per year per factory

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FOR SCALE, RUST REMOVAL AND ENERGY SAVINGS

Channing Applegarth

CMO

Vogel-Brown

CApplgarth@vogelandbrown.com

c: 813.846.3568

Howard Vogel

COO

Vogel-Brown

HVogel@vogelandbrown.com

o: 860.672.6712

c: 860.508.2420

Richard Brown

President

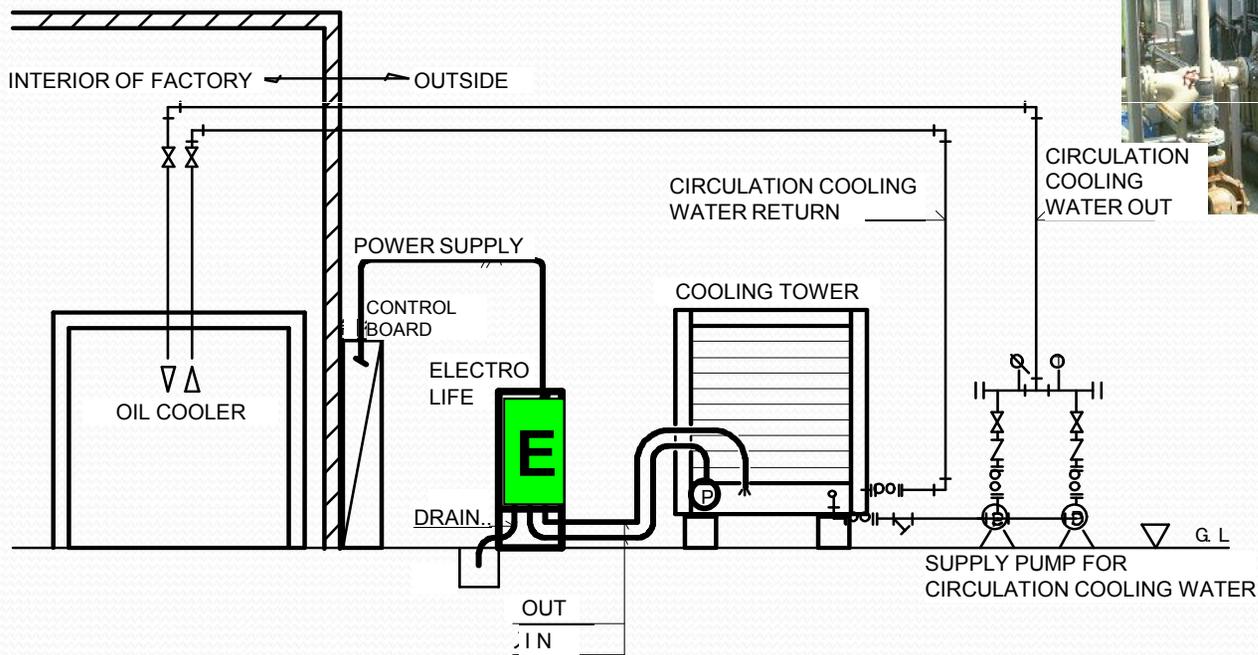
Vogel-Brown

RBrown@vogelandbrown.com

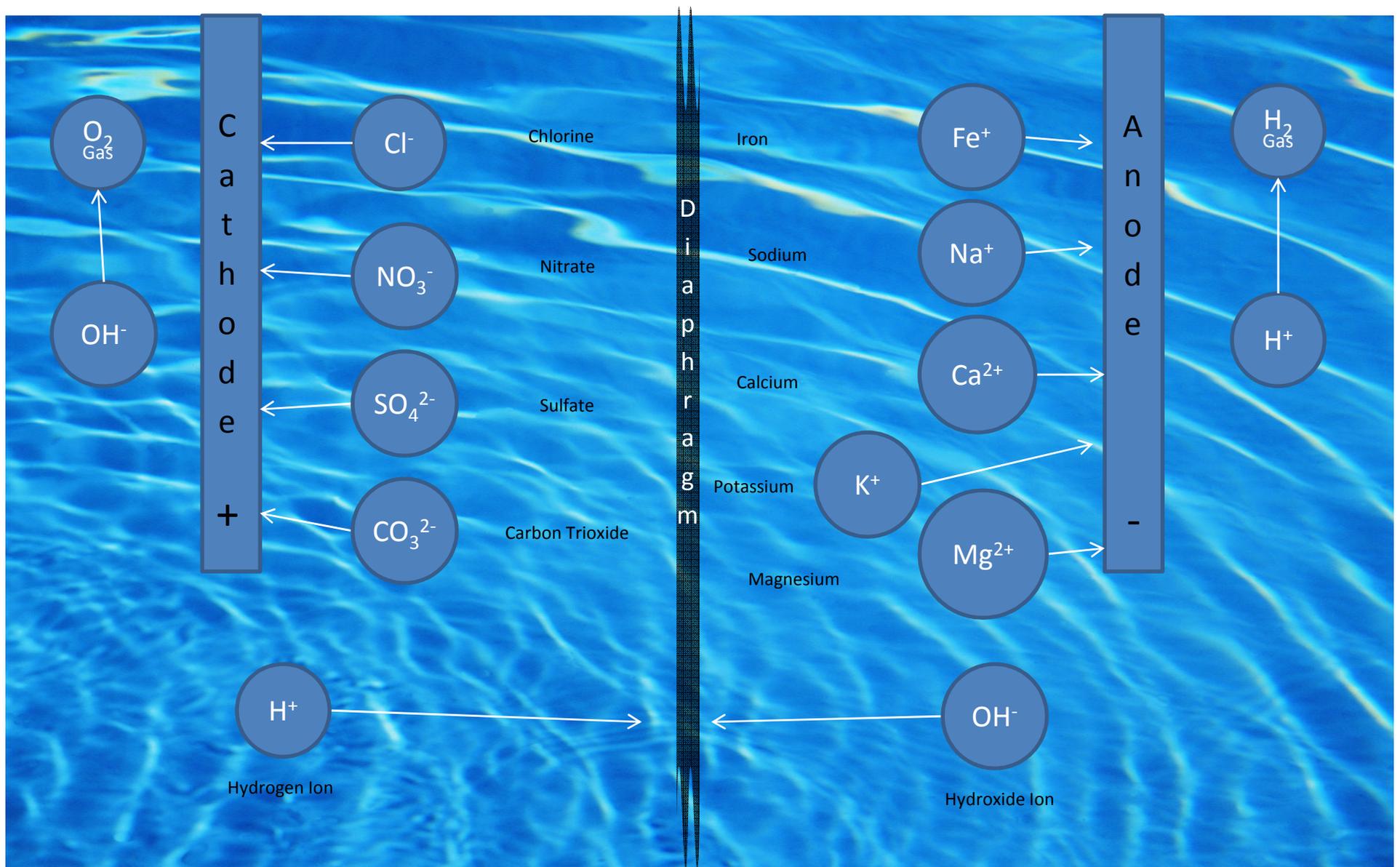
o: 703.444.4318

c: 703.915.7978

ElectroLIFE METHOD OF INSTALLATION



ElectroLIFE HOW IT WORKS



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HOW CHEMICALS WORK

