## Save MONEY with ElectroLIFE

ElectroLIFE offers **GREEN** CLEANING TECHNOLOGY:

- ELIMINATES all detergents, microbes, metals, and any other toxic and non-toxic additives from brewery tailing water
- PROVIDES both acidic and alkaline water for cleaning without the need for additional chemicals or cleaners using just our technology, water and electricity
- MITIGATES your risk of dirty water incidents with the EPA and ELIMINATES associated fines
- REMOVES your dependency on expensive additives or chemicals

Ask us how!

# **ElectroLIFE**

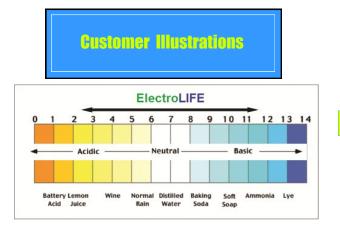
Our Mission Statement is simple: Provide a well-designed system and process that an end user can acquire, implement and monitor. ElectroLIFE is simple to operate, easy to maintain, cost effective and reliable. These attributes produce efficiency, energy cost savings and a consistent performance.

Vogel & Brown Contact: Channing Applegarth Mobile: 813-846-3568 Email: capplegarth@vogelandbrown.com



# ElectroLIFE

The FIRST, BEST, and ONLY completely GREEN solution for CHEMICAL FREE scale and rust removal!



- High pH Water 11.5 pH water removes all yeast in the process without additional chemicals
- Low pH Water 2.5\* pH water removes all microbes (~300 strains of bacteria & viruses) in the process without additional chemicals
- Molecularly altered water is more soluble for a given process since water efficiency increases

Throughout Brewing Process

Three primary stages can benefit from ElectroLIFE :

- As electrolysis occurs in the Electro-LIFE, the molecular structure of the water is changed and aligned which provides greater efficiencies when cooling the water—needs less energy to achieve
- During the Mash, ElectroLIFE can stabilize the pH to a specific level at any level between 2.5 - 11.5.
- The ElectroLIFE unit can filter impurities and remove waste solids which are flushed from the ElectroLIFE unit. Waste water is clean!

lectrolIFE throughout the process

# THE BREWERY PROCESS

### Specifications

DIMENSIONS:	D=350mm (14"), W=700mm (28"), H=1170mm (47")
WEIGHT:	40 kg (88lbs)
WATER PRESSURE:	Below 0.04 Mpa (0.4 Kg f/cm <sup>2</sup> )~ 0.2 Mpa (2.0 kgf/cm <sup>2</sup> ) The pressure resistance of the electrolysis vessel of 0.2 Mpa (2.0 kgf/cm <sup>2</sup> )
INPUT POWER SOURCE:	Single phase AC 100V~240V, 50/60Hz
MAX. POWER CONSUMP- TION:	800W (Main Frame Maximum of 600W)
WATER TREATMENT METHOD:	Electrolysis. (Maximum of 10A, Preset Arbitrary Electrical Current) Once scaling is removed 10A is reduced to 5 A.
MAXIMUM FLOW:	25 liters (6.6 gallons) per minute
ELECTROLYSIS VESSEL SYSTEM:	Continuous flow
LIFE DURA- TION OF ELECTRODE:	Approximately 2 years
PIPE RADIUS:	Water supply = 1/2B Hose Nipple, Flush & Drainage = 3/4B Hose Nipple