

# BFTech Aquafew Process

- \*AquaFew is an Electrolyzed water process that separates hydrogens in water
- \* AquaFew water *stability* is due to 100% separation between the two hydrogens.
- \*Through electrolysis water is molecularly restructured using a mild brine solution, electrical current, positive and negative electrode (anode +, cathode -)
- \*Produces High pH Water (alkaline) and Low pH Water (Acidic) Each water has unique characteristics.
- \*High and Low pH water compliments each other to achieve added *antimicrobial* assurance
- \*High pH alkaline water *breaks down* outer membrane on pathogens and fungi
- \* Low pH *neutralized* pathogen within ½ second of contact.



## High pH water– alkaline

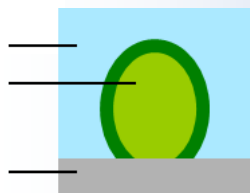
- \*pH-9.0 thru 12.0
- \*ORP (oxygen reduction potential)- 800mV
- \* Active Ingredient– Sodium Hydroxide (NaOH)

## Low pH Water– acidic

- \*pH-2.5 thru 5.5
- \*ORP 800mV– 1100mV
- \*Active Ingredient– Hypochlorous Acid (free Chlorine) (HOCl) 10-30 PPM

- *\*100 times more effective than chlorine yet due to electrolysis and separating the hydrogens in water there are no harmful chemicals and odors to deal with. Safe for hard surface sanitation and food contact for controlling pathogens.*
- *ORP measures the level of antimicrobial properties in water.*

PROTEIN/GREASE  
CELL  
SURFACE



Protein Cell  
Grease/Bacteria



STEP 1  
Remove Protein  
with Alkaline Water



STEP 2  
Remove Bacteria  
with Acidic Water

Machine #	High pH	Low pH	GPD	Voltage
4+4	4gpm	4gpm	9600	110Vac-20amp
6+6	6gpm	6gpm	14400	110Vac-30amp
8+8	6gpm	8gpm	19200	110Vac-30amp
10+10	10gpm	10gpm	24000	110Vac-45amp
12+12	12gpm	12gpm	28800	220Vac-20amp

