



**WASHWORLD®**



Powered by  
Nature's Cleaner  
NanoBubbles

# Chemical Reduction Solutions

## Model CRS79 BUZZARD

Unlock the Full Potential of your WashWorld Razor with CRS NanoBubble Technology

Struggling with chemistry costs or inconsistent wash results? The CRS NanoBubble Generator supercharges your Razor's performance by polishing your water with trillions of nanobubbles boosting cleaning power, rinse quality, and drying. Leaving your customers vehicles with an incredible shine.



# THE NANOBUBBLE ADVANTAGE



## DOMESTIC WATER CONDITIONING

The CRS NanoBubble Generators are used for enhanced oxidation and chemical dispersion, polishing and enriching the water's oxidation potential, above standard aeration processes. As water is passed through the "THE SHAFT" a process called passive electro-ionic cavitation. This process generates nano sized ion particles. Each charged particle adds to the dissolved oxygen (DO) and the oxidation reduction potential (ORP), polishing the water and removing impurities that affect the overall quality of your car wash chemical dispersion.

## HOW NANOBUBBLES WORK

"THE SHAFT" from CRS, is designed to enhance the performance of WashWorld In-Bay Automatics. Its NSF/ANSI 61 & 372 compliant alloy baffles create controlled cavitation and ionization of entrained air, producing nanobubbles that keep injectors, plumbing and spray nozzles clean. The result is superior chemical dispersion, richer foaming, and deeper wetting for a brighter finish. With no pumps, filters, membranes, or moving parts, "THE SHAFT" is a low-maintenance, energy-efficient solution that energizes your wash chemistry, leaving customers happy as they drive away in a cleaner, shinier vehicle, from your more profitable car wash.

### THE SHAFT

Ultimate Prep for Bug, Salt, and Window Film Removal

WashWorld has set the standard for vehicle prep with Bug A 'Salt™ and now BioTech Solutions has taken it a step further with our water polishing solutions. With enriched ionized water, rinsing and water breaking issues are resolved. Chemistry performs better, resulting in a massive boost in cleaning power using less product.

Nanobubbles enhance chemical dispersion, improve surface wetting, and penetrate tough films—lifting them from below the surface not just simply trying to dissolve the residue away. Problem areas where bug residue, salt deposits, and stubborn window masking build up are easily removed and washed away.

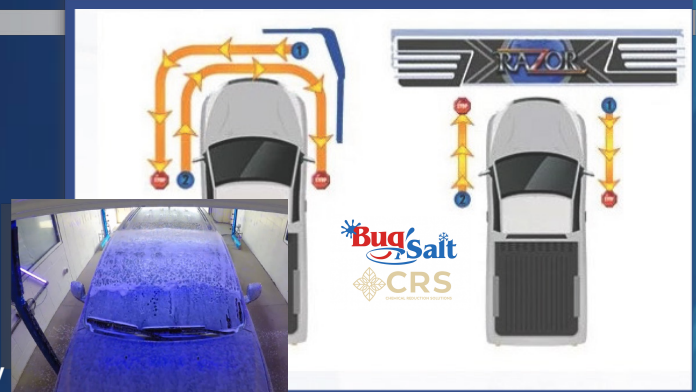
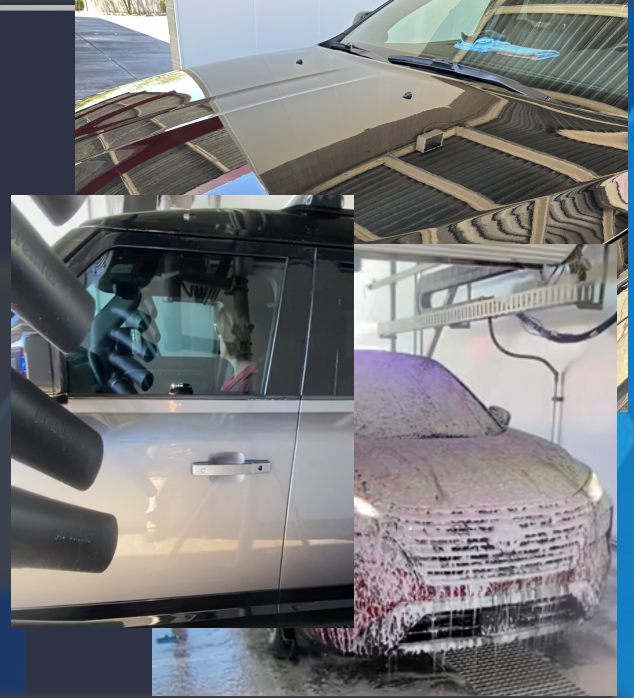
Resulting in cleaner brighter windshields and vehicles that shine from bumper to bumper.

## INSTALLATION GUIDELINES

"THE SHAFT" integrates seamlessly into your current plumbing. Adding nanobubbles and ionization to your water.

**FLOW RATE:** .6 to 3.14 gpm **Fittings:** NPT thread 1/2" or 3/8" MF 316 Stainless Steel, with Ionizing & Alloy Core Length is 3.25"

**IDEAL FOR:** Ultra Low Flow applications: example Install on output of 3/8" chemical injector for improved cleaning, foaming or wetting of chemical application. Install on foam generators for improved foaming. Use with other CRS "SHAFTS" for increased efficiency and chemical reduction.



BIOTECH HAS GONE TO WAR ON BUGS

