

O₃canada Inc.

Safe, Powerful, Effective



Harnessing the
Power of Aqueous
Ozone to Clean
without Chemicals

VIRIDITEC [®]
SANITATION SOLUTION

VIRIDITEC

SANITATION SOLUTION



NATURAL -- SUPERIOR -- GREEN SOLUTION

Viriditec Sanitation Solution® is a highly effective cleaner, sanitizer and deodorizer which releases the natural oxidizing power of activated oxygen. With greater oxidizing energy than other traditional chemical sanitizers, Viriditec® can reduce chemical use and most degreasers and eliminate the environmental impact of producing, packaging, transporting, utilizing and disposing of traditional chemicals.

General Surface Cleaner

The Viriditec® Sanitation System can be used almost anywhere that traditional chemical cleaners are now being used. The benefit of Viriditec® is that it is created on demand and requires no personal protective gear such as gloves or masks. It is approved for use on food contact surfaces as well as high touch areas.



Auto Scrubbers & Cleaning Caddys

Viriditec® solution is a **100% green technology**, therefore by using Viriditec® in schools, offices, restrooms, hospitals or anywhere the public gathers, you can be assured that the cleaning system used will not leave behind any residue that could cause allergic reactions amongst the public.

The only by-product of Viriditec® is oxygen and water. If you prefer to continue to use certain cleaning solutions with an auto scrubber, Viriditec® can enhance the ability of many traditional cleaning agents and reduce the use of these chemicals.



Carpet Cleaning

Viriditec® has been shown to be an excellent pre-treatment solution for carpet cleaning. By using Viriditec® on heavily soiled carpets or on areas that are frequently cleaned you can eliminate soap build-up that can cause these areas to attract soil more rapidly and damage carpet fibers. It has also been shown to be colour safe on most carpets. Viriditec® has been awarded the WoolSafe® designation.



Why Our Technology Works.

What is Ozone?

- A naturally occurring gas that may be formed through the interaction of oxygen and electricity.
- A highly soluble gas which can be dissolved in water.
- A powerful natural sanitizer that works similarly to chlorine bleach by directly oxidizing and destroying a microorganism's cell wall thereby destroying the microorganism.
- A powerful natural sanitizer whose antimicrobial properties have been known for over a century.

Viriditec® is delivered onsite and on demand and is a compact system that only requires power and a cold water supply to deliver unlimited quantities of Viriditec® when and where you need it most. The simplicity of Viriditec® is found in its natural contents. Its complexity is found in our patented method that combines these elements to deliver a safe and powerful cleaning solution in the form of an aqueous ozone solution. Viriditec® active agent, **OZONE**, has been proven effective to treat Bacteria, Viruses, Molds, Allergens and Pathogens including E. Coli, Salmonella, Listeria and Staphylococcus. Ozone has been shown to oxidize germs faster and more effectively than chlorine bleach – **in fact 3,125 times faster and is 50% more powerful.**



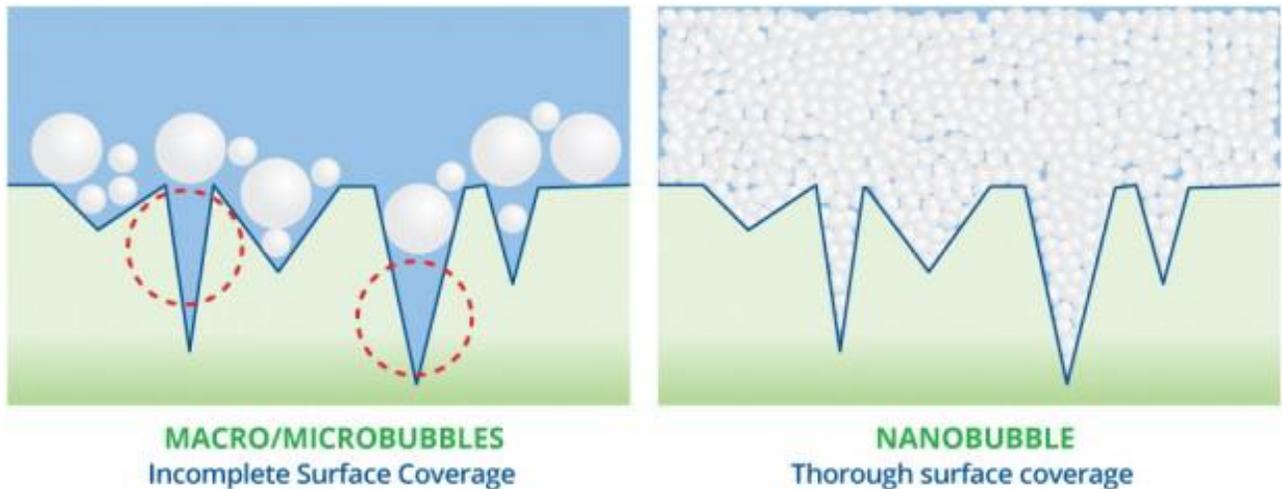
Nanobubble Technology

What are Nanobubbles?

Viriditec® generates bubbles measured in nanometers which are called nanobubbles. A single nanometer is one million times smaller than a millimeter. If you take one thousandth of a millimeter, you have one micrometer, or a single micron. If you then divide that micron by 1,000, you have a nanometer. Needless to say, a nanometer is extremely small.

Why are Nanobubbles important?

Traditional aqueous ozone solutions break down quickly as they are made up of irregular and inconsistently sized macro and micro bubbles. Viriditec® patented technology creates a solution that contains high levels of dissolved ozone in the form of consistently sized **Nanobubbles**. The Viriditec® solution created is more stable, longer lasting and a more effective cleaning agent than tradition aqueous ozone solutions – in other words,



Viriditec® is a Superior Form of Aqueous Ozone! With a higher ozone concentration and nanobubbles, Viriditec® solution covers a surface thoroughly with a more potent cleaning agent.

Cost Benefits

Eliminates cost for;

- Production, Ordering, Transportation, Storage and Handling costs associated with traditional chemicals.
- Packaging of chemicals and related waste.
- Replaces the use of conventional sanitizers, most degreasers, chlorine, and significantly reduced waste water treatment chemicals.

Reduces;

- Energy costs associated with hot water.
- Significantly reduces time spent on conventional sanitation.
- Waste water fees by reducing downstream costs of neutralizing chemical load.

Costs 2.5¢ per hour in power to produce 681 litres of solution! (Based on the cost of electricity in the City of Victoria, BC)

Sanitizer, Cleaner and Deodorizer all in one solution.

Health and Safety Benefits

Eliminates the need for Personal Protective Equipment (PPE) and special training, or chance of chemical misuse.

Improve air quality by eliminating chemical fumes and eliminating spoilage odours.

Reduces air-borne viruses and bacteria, creating a healthier work place environment and reducing injuries related to chemical cleaning; there is no risk associated with touching the Viriditec® solution.

Off gases at less than .05 PPM (Health Canada Guideline). No Allergy concerns.

Products

Cleaning Caddy

SPECIFICATIONS

Dimensions	25" D x 18" W x 40" H
Weight (without water)	95 lbs. (approximate)
Power	120v at 3.33 Amps
Viriditec® Flow Rate	0.5 GPM
Viriditec® Concentration	1.0 – 1.5 ppm
Wand Applicator Pressure	10 psi
Operator Hose Length	16 feet
Recovery Hose Length	20 feet
Water Reservoir Tank Drain	22" hose

FEATURES

Ready Indicator LED	Viriditec® Ready for Application
Capacity Vacuum	12 gallons
Recovery	
Vacuum Motor	Dual, 2-stage 120VAC, 50-60Hz bypass
CFM	110
Amps	10

ACCESSORIES AVAILABLE

Application Wand, Recoiling Hose, Drain Hose, Extension Cord

Optional Accessory: [Handheld Ambient Air Monitor](#)



The Viriditec® Caddy provides On-Site, On-Demand cleaning solution. Bring the Viriditec® Caddy to wherever you want to clean. Restrooms, hallways, anywhere!

Unique, patented technology that combines the natural elements of water and oxygen to deliver a powerful cleaning solution.

- Lower Cost
- Effective & Powerful Cleaner
- Safer to Use
- Safer for the Environment

Products

3 GPM Fill Station

SPECIFICATIONS

Dimensions	6"D x 11" W x 15" H
Weight (without water)	11.0 lbs. (approximate)
Inlet Water Specifications	60 psi
Power	120v at 3.0 Amps
Viriditec® Flowrate	3.0 GPM
Viriditec® Solution Concentration	1.0 – 1.5 ppm



FEAUTRES

Ready Indicator LED	Viriditec® Ready for Application
Power Indicator LED	Indicates Power is Available
Operator's Switch	ON/OFF Power Controls

ACCESSORIES AVAILABLE

Optional Accessory: [Handheld Ambient Air Monitor](#)

Use the Viriditec® Fill Station aqueous ozone system as a general cleaner to clean floors (tile, carpet, grout), clean high-touch surfaces, clean restrooms, and even wash hands.

- Schools
- Hospitals
- Grocery Stores
- Residential Homes
- Schools
- Hotels
- Fitness Centres
- Commercial Office Buildings
- Retirement Communities
- Restaurants

Anywhere Traditional Cleaning
Chemicals are used

canada.com

www.O3Canada.com Toll Free 1-855-323-2847 Direct (780) 758-9666