

**SSS<sup>®</sup> TRIPLE S**

**O<sub>3</sub>**

Professional Cleaning System

*The Safest and Healthiest  
Way to Clean*





# Professional Cleaning System

*The Triple S O<sub>3</sub> Professional Cleaning System turns ordinary tap water into the world's most effective chemical free cleaning, and sanitizing Ozone Solution.*

Powered by



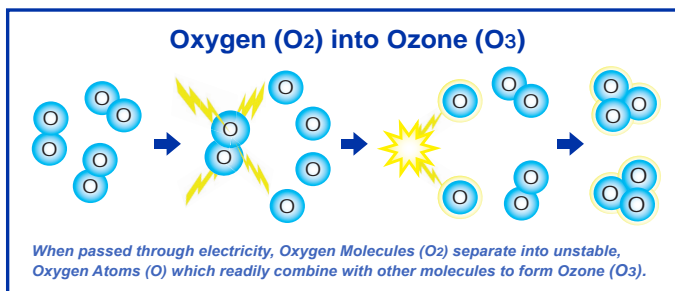
**The O<sub>3</sub> System** creates the Ozone Solution by filtering oxygen molecules (O<sub>2</sub>) from the air, and passing them through 4,500 volts of electricity, transforming them into ozone (O<sub>3</sub>) and then infusing the ozone into water. The electricity causes the oxygen molecules (O<sub>2</sub>) to separate into oxygen atoms (O) which are unstable. These unstable oxygen atoms readily combine with other oxygen molecules in an effort to stabilize, creating ozone. The ozone is then infused into water, creating this powerful

Ozone Solution.

The Ozone Solution is a safe, natural oxidizer, cleaner, and sanitizer.

The Ozone Solution will remove soil, odors, stains, mold, mildew and many other contaminants on any item or surface, including food.

Built into each of the O<sub>3</sub> Cleaning Systems Charging Stations is a micro processor that confirms the successful creation of ozone.



## How the Ozone Solution Cleans

The Ozone Solution cleans by reacting with large organic compounds, such as proteins. Proteins are considered the building blocks of all organic matter. Proteins are composed of strings of amino acids, held together by peptide bonds. Essentially the unstable 3rd oxygen atom breaks these peptide bonds, destroying the proteins, leaving behind base amino acids. These base amino acids then continue to react with ozone and break down into even smaller inert inactive matter.

The Ozone Solution attacks organic matter on hard surfaces, breaking it down into smaller particles and suspending it in solution. The wipe of a cloth or mop removes the suspended soil from the surface.

The Ozone Solution can breakdown red wine, tomato juice, fatty acids, oils, dyes, urine, mold, mildew, coffee, tea, etc.

After being charged, the Ozone Solution can clean for approximately 40 minutes.

It's as simple as...

### 1 Spray

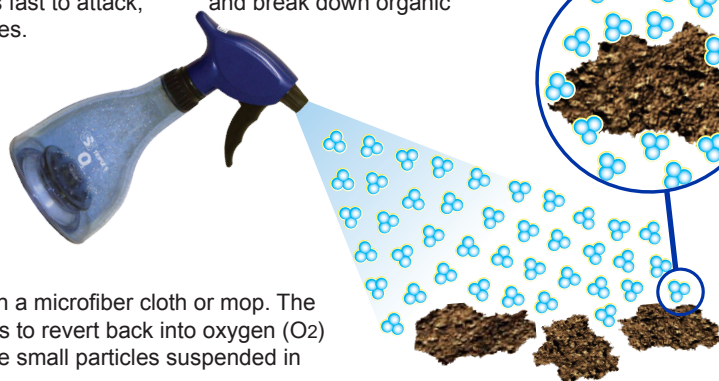
After charging, (approx. 2 minutes) spray area to be cleaned. The Ozone Solution works fast to attack, and break down organic matter on hard surfaces.

### 2 Set

Allow the Ozone Solution time to work. Let dwell for about 60 seconds, depending on soil buildup.

### 3 Wipe

Simply wipe away with a microfiber cloth or mop. The Ozone Solution begins to revert back into oxygen (O<sub>2</sub>) and water, keeping the small particles suspended in solution.



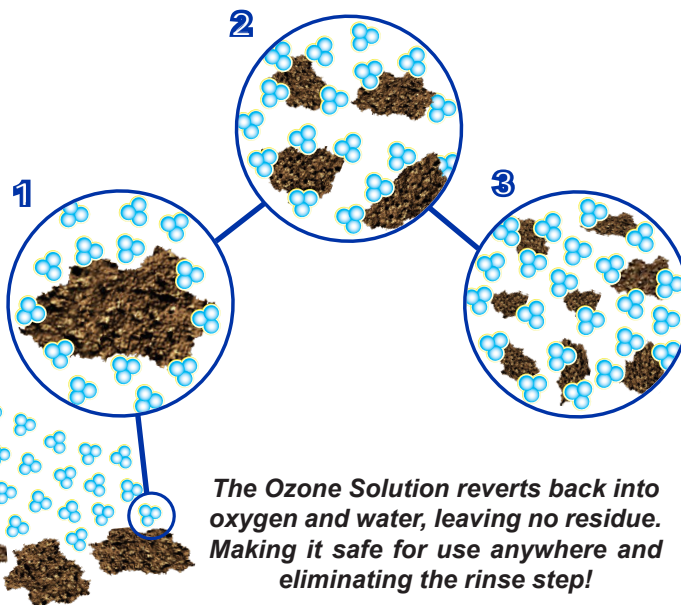
## How the Ozone Solution Sanitizes

In accordance with EPA protocol, the Ozone Solution **created by the O<sub>3</sub> Professional Cleaning System device**, has been proven effective as a sanitizer.

The Ozone Solution kills bacteria in much the same way as a chemical agent in that they both attack the cell wall. In the case of the Ozone Solution however, bacterial cells absorb it just as they would water, and then the Ozone Solution ruptures the cell wall from the inside out, destroying the cell.

Once these cells are killed, they are suspended within the solution and can easily be removed from the surface with the simple wipe of a microfiber cloth or mop.

The Ozone Solution works as a powerful sanitizer for up to fifteen minutes after charging.



## Spray & Wipe Cleaning System



### The O3 Spray & Wipe System Cleans and Deodorizes.

This system is ideal for all spray and wipe applications, in any environment. Use it on all hard surfaces. O3 leaves no chemical residue, eliminating the rinse step!

"Green Clean" classroom with confidence. Use it on desks, chairs, whiteboards and windows - all without harsh chemicals that can affect the health of students, faculty or staff.

The Spray & Wipe Cleaning System is also effective on glass, mirrors and bathroom fixtures. Eliminate germs on faucets, handles and door knobs. Remove mold and mildew from drains and eliminate soap scum buildup. Ozone has a long history as a very effective deodorizer.

You can replace five or six chemical cleaners with a single, safer alternative!

### The Spray & Wipe Cleaning System:

- O3 Charging Station & 1 Spray Bottle • Product No. 80001
- Filter Cartridge • 24/cs • Product No. 80002
- Spray Bottles, 650 mL (22 oz) • 12/case • Product No. 80003
- Cleaning Caddy • 1/case • Product No. 80007

## High Capacity Cleaning System

### The High Capacity Cleaning System for Auto Scrubbers and Carpet Extractors.

The High Capacity Unit can be mounted inside custodial closets. Fill your auto scrubbers or carpet extractors and clean large areas easily without having to worry about harsh chemicals or odors.

"Green Clean" classrooms and corridors without any potential adverse effects to the health of students, faculty or staff.

The High Capacity Station operates with the same filter cartridge as the Spray & Wipe and Floor Cleaning Systems.



### The High Capacity Cleaning System:

- High Capacity Unit • Product No. 80005
- \* Filter Cartridge, Auto Scrubber, and Carpet Extractor sold separately



## Floor Cleaning System

### The O3 Floor Cleaning System Cleans and Restores.

This system is perfect for cleaning floors in a broad array of facilities. Works on any resilient floor surface. No chemical residues means no rinsing, which saves time and money. Not to mention the health benefits for all building occupants. As well as the environmental advantages - no negative impact on wastewater treatment or indoor air quality.

The O3 Floor Cleaning System's Mop Refill Bottle uses the same charging station as the Spray & Wipe System. Squeezable bottles allow for easy dispensing. Each bottle holds 11.5 ounces of the Ozone Solution and cleans about 300 square feet, depending on soil buildup.

The Mop Refill Bottle is specifically designed to fit the 3M Easy Scrub Express Mop stick.

### The Floor Cleaning System:

- Mop Refill Bottles (11.5 oz) • 12/case • Product No. 80004
- 3M Easy Scrub Express Mop Tool • 1/case • 3M Product No. 59051
- 3M Easy Scrub Express Caddy (for use with Mop Refill Bottles) • 6/case • 3M Product No. 59054



\* Filter Cartridge and 3M Easy Scrub Express Mop sold separately

## Filter Cartridge

### The Filter Cartridge Ensures the System is Working Properly.

The Filter Cartridge is the keystone element of the O3 systems. It's what allows the O3 Charging Station and High Capacity Unit to create the Ozone Solution. Each filter cartridge produces 650 charges.

The Filter Cartridge purifies the oxygen in the air, greatly speeding up the process of creating ozone.

The O3 Charging Station will only operate with a Filter Cartridge.

### Filter Cartridges:

- Filter Cartridges • 24/cs • Product No. 80002

## Booster

### The Booster Extends the Cleaning Power of O3

Adding the Booster to the water before charging, can extend the sanitizing power of O3 from 15 to 45 minutes, and the cleaning power of O3 from 45 to 120 minutes. The Booster stabilizes the ozone by slowing down the natural process of ozone reverting to oxygen.

### Booster:

- Booster Packets • 2000/cs • Product No. 80006
- Booster for High Capacity Unit, 11.35 L • 1/cs • Product No. 80008



# CLEANING HAS NEVER BEEN GREENER!



Caring for the environment and providing a healthy workplace are demanding tasks that offer unquestionable long term benefits. Determining what is truly “environmentally friendly” or “green” has been a confusing process. The development of recognized standards greatly improves our ability to make purchasing decisions that contribute to the sustainability of a healthy environment for all.

The presence of the Triple S EarthCare® seal indicates that a product meets “green” standards from a recognized organization (such as Green Seal, USGBC or the EPA) or the product offers significant features that contribute to the preservation and sustainability of a healthy environment. Look for the Triple S EarthCare® seal when you want to make the places where we work, live, learn and play healthier.

## Preservation of the Environment

- No Chemical Waste
- Reduce Consumption of Natural Resources
- No Air Pollutants
- Minimal Impact on Carbon Footprint
- Reduce Packaging
- Reduce Supply Chain Costs
- No Negative Impact on Wastewater Treatment

## Labor Savings

### Eliminates Rinse Step

The Ozone Solution reverts back to water and oxygen and leaves no chemical residues

### No Safety Training Required

OSHA (HMIS – 0,0,0,A)

### Eliminates 5-6 Products from Supply Closet

Reduce On-site Storage/Product Preparation

### Reduce Trips to Custodial Closet

Fill Spray and Mop Refill Bottles and Charge as Needed

## Human Health and Safety

- No Exposure to Chemicals
- OSHA Hazard Communication Standard
- HMIS Rating: (0,0,0,A)
- University of Massachusetts Lowell Laboratory
- Toxics Use Reduction Institute (TURI)
  - **Safety Rating: 50 (maximum safety score)**
- No Negative Impact on Indoor Air Quality
- No Allergens or Toxins

## Peace of Mind

- EPA Regulated Device
  - EPA Est. No. 82126-CHN-001
- FDA Approved Process
- NSF Registration (*Pending*)
- Exceeds Green Seal Environmental Standards for Industrial and Institutional Cleaning (GS-37)
- Surpasses GS-37 Section 4.0 Product-Specific Health and Environmental Requirements
- Canadian Standards Administration (CSA)
  - Tested for Electrical Safety and Ozone Emissions
  - Confirmed to meet or exceed UL Standards

## O<sub>3</sub> Works On:

- Glass & Mirrors • Hard Surfaces & Floors**
- Carpet • Bathroom Fixtures and more...**

## O<sub>3</sub> Works As A:

- Hard Surface Cleaner • Food Contact Surface Cleaner • Neutral Cleaner • Fabric & Room Deodorizer • Mildew & Mold Remover**

Item	Case	Item No.
O <sub>3</sub> Charging Station & 1 Spray Bottle	1/cs	80001
Filter Cartridges (6/4 pks)	24/cs	80002
Spray Bottles, 650 mL (22 oz.)	12/cs	80003
Mop Refill Bottles (11.5 oz.)	12/cs	80004
High Capacity Unit	1/cs	80005
Booster Packets	2000/cs	80006
Cleaning Caddy	1/cs	80007
3M Easy Scrub Express Mop Tool w/Holder 16"	1/cs	3M • 59051
3M Easy Scrub Express Caddy	6/cs	3M • 59054

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