

Clean, Rinse, Disinfect, Purify & Repeat

BEFORE & AFTER
STEPS FOR
DISINFECTING



Martin Bros.
DISTRIBUTING CO INC

STEP 1: CLEANING

Cleaning should always be your first step in a correct disinfecting procedure. Surfaces must be cleared of all visible and non-visible dirt before using a disinfectant. If dirt is not removed, it will interfere with the job of the disinfectant. For a disinfectant to work, it needs to have direct contact with the pathogen it is trying to kill. If soils are present, they could be covering the pathogen and obstruct the direct contact needed for disinfection.



Featured Cleaning Product:
Hygen™ Microfiber

Microfiber in general has a great ability to remove soils from surfaces. However, not all microfiber is created equal. Rubbermaid Microfiber has been proven in independent labs to remove 99.7% of tested viruses and bacteria with water only.* We are NOT saying you should use water only to clean, but think about the amazing results you could get by utilizing this top-notch microfiber with an appropriate detergent and/or disinfectant!

The new disposable microfiber is compatible with bleach, quat and hydrogen peroxide disinfectants and has built-in scrubbing strips to help remove dirt more effectively. The new disposable cloths and mops help reduce cross-contamination because they can be thrown away after each area or task. They can be used dry or wet.



Hygen™ Disposable Microfiber Cloths (029140 – 60 ct)



Hygen™ Disposable Microfiber Cloth Charging Tub (029160)



Hygen™ Disposable Microfiber Pads – 18 in (029150 – 50 ct)



Hygen™ Pulse™ Microfiber Spray Mop Kit (020570)



Hygen™ Quick Connect Frame – 17 in (020478)



Hygen™ Quick Connect Handle – 58 in (020408)

*Based on third-party testing with water only; Tested Virus: Feline Calicivirus (surrogate for Norovirus), Common human coronavirus OC43 (not tested on SARS-CoV-2, the virus that causes COVID-19). Tested Bacteria: MRSA, Pseudo, C.diff

STEP 2: RINSING

It is important to rinse surfaces with a potable water rinse to remove residual detergents that could interfere with the disinfecting process. You can either use the bucket system or trigger sprayer bottles.

- Kleen-Pail® Green Cleaning Pail (222510 – 1/6 qt)**
- Kleen-Pail® Blue Pail (283693 – 1/6 qt)**
- Kleen-Pail® Red Sanitizing Pail (222500 – 1/6 qt)**



Featured Rinsing Product: Kleen-Pail® System

- Meet HACCP guidelines as dedicated-use, labeled containers for cleaning and sanitizing solutions
- Color-coding helps minimize any potential confusion between cleaning and sanitizing solution containers and meets HACCP guidelines for cleaning and sanitizing cloths
- Use green Kleen-Pails® for cleaning solutions, blue for clean water to rinse with and red for sanitizing solutions
- Trilingual “Sanitizer” and “Cleaner” printing and imprints to help meet health codes and reinforces employee training
- Durable handle design

STEP 3: DISINFECTING

The main categories of disinfectants are quat, chlorine and hydrogen peroxides. Choosing the right disinfectant for your facility can be difficult. Here are some questions to ask in order to find the right one:

1. What types of surfaces are being disinfected?
2. What pathogens are you trying to kill?
3. What is the contact time required for the disinfectant to work?
4. Is it safe to use when people are around?
5. Is it compatible with your cleaning tools? Some towels and mops such as cotton, for example, bind with the disinfectant and draw it in; however, they aren’t able to effectively release enough disinfectant onto the surface you are trying to disinfect.

Disinfectant Cleaners with Fast Kill Claims

	Influenza A	Norovirus	C. Diff	MRSA	SARS CoV-2
Lysol Disinfecting Wipes (011940 – 6/80 ct)	Yes – 30 sec	No	No	Yes – 4 min	Yes – 2 min
Multi-Clean Microcide TB (010660 – 12/1 Qt; 012310 – 5 Gal)	Yes – 3 min	Yes – 30 sec	No	Yes – 3 min	Yes – 1 min
Clorox Healthcare Hydrogen Peroxide Cleaner/Disinfectant (019950 – 9/32 oz)	Yes – 30 sec	Yes – 1 min	No	Yes – 1 min	Yes – 30 sec
Clorox Healthcare Hydrogen Peroxide Cleaner/Disinfectant Wipes (019970 – 6/95 ct)	Yes – 30 sec	Yes – 3 min	No	Yes – 1 min	Yes – 30 sec
Clorox Fuzion Cleaner/Disinfectant (016550 – 9/32 oz)	Yes – 1 min	Yes – 1 min	Yes – 2 min	Yes – 1 min	Yes – 1 min
Clorox Clean-Up Disinfectant Cleaner with Bleach (019650 – 9/32 oz; 019678 – 4/128oz)	Yes – 30 sec	Yes – 1 min	No	Yes – 30 sec	Yes – 30 sec
TMA Bioesque Botanical Disinfectant (162408 – 12/1 qt)	Yes – 1 min	Yes – 4 min	No	Yes – 2 min	Yes – 55 sec
Purell Professional Surface Disinfectant (019440 – 6/32 oz, 019450 – 4/1 gal)	Yes – 30 sec	Yes – 30 sec	No	Yes – 30 sec	Yes – 30 sec
Comet Disinfecting Cleaner with bleach (013110 – 8/32 oz, 013080 – 3/1 gal)	Yes – 1 min	Yes – 1 min	Yes – 10 min	Yes – 1 min	Yes – 1 min
TMA Xforce Disinfectant (162358 – 6/1 qt)	Not Tested	Yes – 2 min	No	Yes – 2 min	Yes – 30 sec



Featured Disinfecting Product: UV Disinfecting Wand



Purify-One UV Disinfecting Wand (019510)



View a video detailing the benefits and usage of the Purify-One UV Disinfecting Wand

There is growing concern about the amount of disinfectants being used today, especially during the pandemic. Over time, some surfaces are beginning to show signs of deterioration from overuse of cleaning products. In addition, some people are concerned about the possible side effects from increased chemical exposure.

One solution to this problem could be this exciting new Ultraviolet Disinfecting Wand from Purify-One! This wand is safe to use on all surfaces and has an extremely fast **kill time of 5 seconds or less** depending on how close to the surface you hold it.

The Martin Bros. team researched several UV disinfecting wands on the market. When asked for proof that the light **ACTUALLY** killed pathogens, only Purify-One was able to produce that documentation.

This UV wand uses a proprietary combination of UV-A and UV-C light to eradicate certain viruses and bacteria quickly and was tested in a CDC-certified lab, Microbac Laboratories, which confirmed it is effective at destroying SARS-CoV-2 within seconds. It is rechargeable, and the bulbs will last 55,000 hours or around 10 years without losing effectiveness. This is due to the sapphire quartz LED bulb they use versus most of the competition, which uses mercury or fluorescent bulbs that slowly lose their effectiveness over time.

It is still critical that you properly clean first to remove soils from the surface prior to using the wand if you want to get maximum effectiveness.

There are countless places you could use this wand to keep your patrons safe, including but definitely not limited to:

- Restaurants: menus, tabletops, seats, door handles, restroom surfaces, touch screens
- Schools: desktops, door handles, bleachers, lockers, lunchroom tables, chairs, light switches, books, gym equipment
- Assisted/Independent Living: common area seating and tables, restrooms, door handles, magazines, beauty salons, game boards

CHICOPEE® Featured Disinfecting Product: Sanitizing Towels



**Pro-Quat®
Foodservice Towel
Medium Duty
Red with Red Stripe - 13x21 in
(049320 - 1/150 ct)**

Consistently releases the required PPM of quat sanitizer or disinfectant to surface and features Microban® antimicrobial protection.



**S.U.D.S.® Single Use
Dispensing System
Sanitizing Towels for Quat
(049795 - 6/110 ct)
Buckets (049800 - 1/6 ct)**

Engineered to yield superior liquid absorption and debris pick-up. Add your own cleaning, sanitizer or disinfectant solution. Compatible with quat or chlorine.

STEP 4: PURIFICATION

As we all know, many viruses including COVID are spread through the air as well as on surfaces. We have the tools and knowledge to disinfect surfaces, but what about the air?

Martin Bros. has been approached by several companies offering air purifiers, and we found this one to be at the top of our list!

This system has a four-stage filtration that will eliminate >99% of all tested viruses, bacteria and odors in the air. One unit covers a 2,150 square foot area and runs quiet at 55 decibels.

The 4 stages of filtration are:

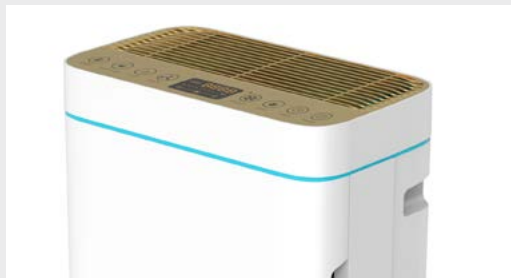
1. Prefilter – catches the larger particles such as hair, fibers and dust
2. Activated Carbon Filter – removes smoke, chemicals, odors and other pollutants
3. HEPA Filter – medical grade filter capable of removing pollutants, fungal spores, viruses and bacteria up to .3 microns in size.

This is where a lot of the competition stops. But some viruses are smaller than .3 microns and can get past the HEPA filter. So, AiroDoctor has a final fourth filtration stage that utilizes UV technology.

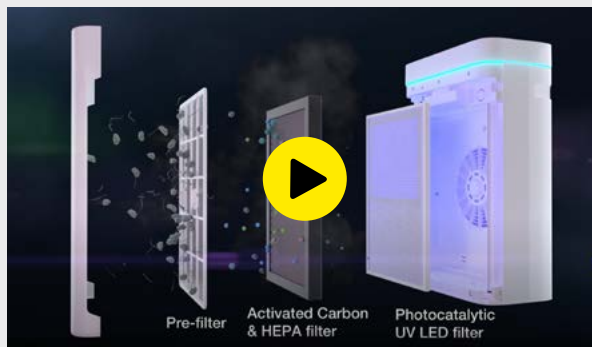
4. UVA LED Photocatalysis – kills >99% of all tested viruses, bacteria and germs that make it to that filter stage

All you have to do is plug the AiroDoctor in, let it run continuously, vacuum the filters monthly and replace the carbon and HEPA filter annually.

AiroDoctor Featured Purification Product: **Indoor Air Purification System**



AiroDoctor Indoor Air Purification System
(019520)



Scan this code to view a video explaining the technology and benefits of the AiroDoctor Air Purifier

For more information about cleaning and disinfection products and processes, please contact your Martin Bros. representative.



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