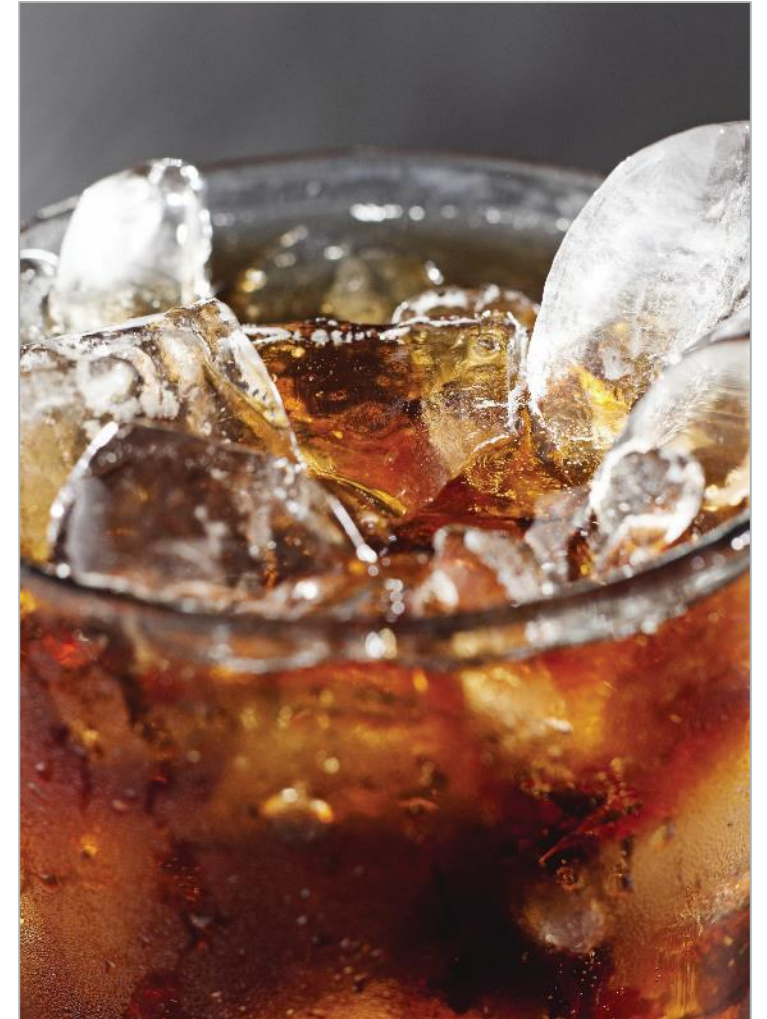


NOVEL CORONAVIRUS (COVID-19)

Beverage Station
Sanitation Recommendations



Coca-Cola

WATER FILTRATION GUIDELINES

A prolonged operational shutdown may require water filtration replacement

STANDARD OPERATING PROCEDURES – OPEN FOR BUSINESS

- Continue to follow the standard operating procedures recommended by your filter provider

RISK REDUCTION – OPEN FOR TAKE OUT

- Follow **STANDARD PROCEDURES** above.
- In addition, keep water in motion to prevent stagnation in the filters or system
 - Flush the water system on a weekly basis by opening faucets and allowing water to flow for at least 5-10 minutes to reduce biofilm growth in water systems
- Increase frequency of ***disinfection of common high touch points*** in open service areas
- Follow all guidance as directed by local public health authorities.

FILTER REPLACEMENT / RESUME OPERATIONS - CLOSED

- Filters can be left in place **for up to 4 weeks during a shutdown**
- If after 4 weeks normal operations have not resumed, upon reopening equipment with filtration should be put through standard ***Water Service Disruption*** protocols detailed in the Water Management Program that includes system flush & beverage line sanitizing
- During the system flush, filters should be removed and both hot and cold water lines are flushed for a minimum of 10 minutes.
- Upon completion of the ***Water Service Disruption*** protocols, new water filter replacement services are required
- **Call ECOLAB for Free Water Filtration Replacement Service/ Support**



➤ Specific touchpoints

Beverage dispensers, coffee/team brewers, ice machines, drinking water stations

CONSIDERATIONS

- Take water equipment shutdowns seriously in the standard working order conditions as well as risk reduction phase to avoid costly maintenance upon reopening
- Do whatever possible to keep water in movement to prevent the buildup of bacteria and biofilm in the water lines and/or filters
- Replace filters during an operational shutdown of 4 weeks or longer

BEVERAGE DISPENSER SANITATION

Freestyle & Beverage Dispenser Cleaner / Sanitizer (EPA Registered)

■ Features and Benefits:

- Offers chlorinated powdered cleaning action
- Detergent quickly removes sugary beverage soils and carbonation residues while emulsifiers lift and suspend fats, oils and soils
- The sequestering agents dissolve protein buildup & stubborn milk stone

■ Applications:

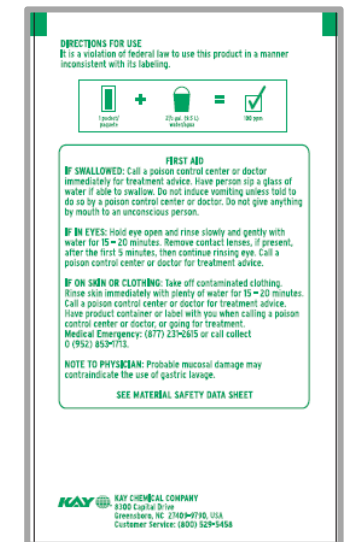
- Beverage Dispensers / Towers
- Espresso Machine (milk lines)

■ Directions:

- Prepare sanitizing solution by dissolving 1 packet of Kay 5 into 2-1/2 gallons of warm water
- Flood the surface with the sanitizing solution, or apply with a clean cloth, approved beverage cleaning brush or spray, making sure to completely **wet all surfaces for at least 2 minutes**
- Let air dry & always follow local health ordinances

■ Emergency Information – SDS (attached):

- USA or CANADA call: 1-800-328-0026
- Outside US call: 1-651-222-5352



Frequently Asks Questions:

- **Who can I contact for help?**
 - **Contact Ecolab for free extra service support if you have any questions or concerns at 1-800-352-5326.**
- **What is the difference between a Water Service Disruption and a Boil Water Alert / Order?**
 - Water Service Disruption: Temporary shut down of water in an operation usually associated with temporary closures executed by the owner / operator.
 - Boil Water Advisory / Alert / Order: In the event of a natural disaster or if the municipal water supply has been contaminated, local, state and federal authorities can issue a Boil Water Advisory / Alert / Order. Once a BWA has been issued, the owner / operator must immediately discontinue the use of all consumable water fed equipment and during this time only bottled or canned water must be used for all beverage, food prep and cleaning and sanitizing applications.
 - See Ecolab BWA Processes attached.
 - **Contact Ecolab at 1-800-352-5326 for free extra service and support**
- **Is there a concern that water sitting inside a filter for a long time could be a “micro issue”?**
 - Water sitting for “an extensive period of time”, in a water filter or any plumbing assembly can develop biofilms and other micro-organisms as municipal water sanitizers dissipate and wear off. Water can also change over time and release minerals and hardness which can impact water filter and overall equipment performance (beverage equipment, ice machines, brewed beverage stations etc. as well as steamers, combi-ovens, faucets, toilets).
 - **Filter replacement recommended for water system shutdowns greater than 4 weeks**

Frequently Asked Questions:

- **From a time standpoint, is there a certain amount of time that a filter can be turned off?**
 - Temporary water shut off defined as less than four weeks.
 - **Filter replacement recommended for water system shutdowns greater than 4 weeks**
 - Most water filtration systems are designed to retain particulate and minimal levels of bacteria over recommended service life and can withstand temporary water shut offs.
 - If possible, shut water off on exit side of filtration system, *ideally immediately before beverage station*. Keep water filtration system pressurized and avoid the introduction of air or other contaminants.
- **For outlets with water filtration systems, are there any function or safety issues to consider?**
 - There are no concerns with shutting off water to **Ecolab High Capacity Water Filtration Systems** for a temporary (under 4 weeks) period. The internal structure of the filter is enclosed in a “debris reduction material” with a layered filter design prevents the carbon from deconstructing. In addition, Ecolab High Capacity Filters do not require “reactivation” as the water is turned back on (from a temporary water shutoff). **Contact Ecolab for free extra service support if you have any questions or concerns at 1-800-352-5326.**
 - Standard Carbon Block Filters: a plain carbon extrusion filter, core carbon filter block or filters with loose carbon – based construction filter media (“folding door plenum”) as well as most standard pre-coat / prefilters will need to be reactivated or “charged” before each use after water flow loss or temporary water shut offs. Ecolab Modular Filtration Systems will require “reactivation”. **Contact Ecolab for free extra service support if you have any questions or concerns at 1-800-352-5326.**

Frequently Asked Questions:

- **What are best practice process steps for turning water back on to the filtration system?**

1. Slowly turn on water.
2. Open Flush valve(s)
3. Open inlet ball valve. Allow water to flow from flush valve(s) for 30-60 seconds to purge air from filter system. Check for leaks.
4. Close Flush Valve(s).
5. Remove air from system water lines by running the water from the beverage station for approximately one minute until water flows. If possible, run carbonated water.

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- **What if the whole system was depressurized and eventually started back up with air & potential debris present prior to the filter?**

- There are no concerns with shutting off water to **Ecolab High Capacity Water Filtration Systems** for a temporary (under 4 weeks) period. See step 5 above to remove excess air bubbles from the system.
- **Contact Ecolab for free extra service support if you have any questions or concerns at 1-800-352-5326.**

Frequently Asked Questions:

What if water containing disinfectant came into contact with the water filtration system during system flush?

- Ecolab recommends using Kay 5 Cleaner / Sanitizer at recommended label instructions to clean and sanitize the beverage lines after an extensive system shut down (greater than 4 weeks).
- If for some reason small amounts of water containing sanitizer or disinfectant were to come into contact with the filter, in most situations the filter will absorb a small quantities of a chlorine sanitizer just as it absorbs municipal water sanitizers. Depending on the strength of the product, this could reduce overall gallon capacity.

- Ideally if the system is shut down for 4 or more weeks, Coca-Cola Service Teams can remove the High Capacity Filter before turning on the water to the system and install the BYPASS PLUG (see #3 in image). By inserting the BYPASS PLUG, the system can be sanitizer and flushed with a continuous loop without the filter which will eliminate any potential compromise to the overall filter gallon capacity.
- After the system is flushed, turn off the water and install a NEW High Capacity Water Filter for normal system operations. Be sure to date the new filter as it is installed.
- **Contact Ecolab for free extra service support and water filtration replacement services if you have any questions or concerns at 1-800-352-5326.**
- Ecolab is also available for routine service “schedule requests”. Call the Ecolab 1-800 number and advise of advance timing for service support. Example: Call on Monday for by appointment service assistance later in the week.

Filter System:

- 1 Inlet Ball Valve
- 2 Flush Valve
- 3 Bypass Plug (ordered separately 9320-2272)





For more information contact
your Ecolab Representative
or visit [ecolab.com/coronavirus](https://www.ecolab.com/coronavirus)