Culligan quench

Why Supplement Filtered Water with UV or Ozone?

Stored water, no matter its purity, can lose its fresh, delicious taste whether it is stored in a plastic water bottle, tea kettle, or even the stainless-steel tank of a filtered water cooler. So how can you keep your Culligan Quench filtered water fresh and great-tasting?

Culligan Quench recommends pairing your water filtration with a highly advanced and proven non-mechanical water treatments: ultraviolet or ozone technologies.

What is Ultraviolet (UV)?

Ultraviolet light is invisible to most humans, but it is a powerful and efficient water treatment. Modern point-of-use water coolers often use UV-C as an agent for keeping drinking water fresh.

Culligan Quench uses LED UV-C in our machines to inactivate or kill microorganisms, without adding any chemicals, like chlorine, to the filtered water. Independent testing has concluded that UV technology can eliminate 99.9999% of bacteria, 99.999% of viruses, and 99.9% of parasites, including cryptosporidium and giardia.

Similar to LED lightbulbs, LED UV has a longer effective life than standard UV, leading to less service issues and less waste. Also conventional UV can produce a substantial amount of heat which can be transferred to the flow of the water while LED UV can be engineered to not transfer heat, ensuring your cold water is always cold.

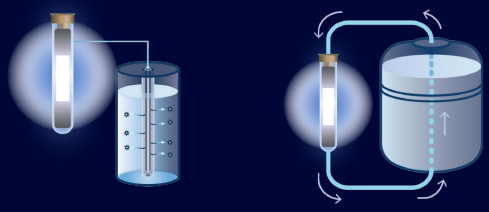
What is Ozonation?

Activated oxygen (O3) or ozone is a natural water treatment that eliminates molds, viruses, and bacteria and removes off-tastes and odors in water.

UV for Water Coolers

In-tank UV (left) helps maintain the freshness and taste of the filtered water and maintains the cleanliness of the reservoir.

Culligan Quench in-tank UV cycles on for 1 hour every 2 hours to ensure the UV light has contact with the water for at least 30 minutes for ultimate water freshness.



Recirculating UV (right) helps clean the water, typically when the water is dispensed.

Ozonation occurs when bubbles of activated oxygen are injected in a water cooler's reservoir. Then the unstable third oxygen atom attaches itself to contaminants in the water and neutralizes them.

Filtration & UV/Ozone Treatment for Cleaner, Better-Tasting Drinking Water

Both methods, LED UV and ozonation, are most effective when paired with state-of-the-art filtration. Filtration is a mechanical process that removes sediment, dissolved particles, metals, chlorine and other chemicals, and off-tastes and odors from drinking water.

With Culligan Quench, our water experts will tailor a water filtration system for your local water using either advanced carbon filtration or reverse osmosis purification. Culligan Quench's tailored filtration systems can be combined with UV to ensure your drinking water is always clean and delicious.

Talk to your dedicated Culligan Quench Water Expert.

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