



POINT-OF-USE HYBRID FLOOR BOTTLELESS WATER COOLER FILTER SYSTEM WITH ULTRAFILTRATION

Crystal Quest® Point-of-Use Floor HYBRID UltraFiltration Bottleless Water Cooler Systems are advanced, attractive and durable. They are the perfect way to enjoy clean, crisp, filtered water without the hassle of dealing with heavy bottles and delivery schedules. Save money, space, and time with a bottleless water cooler system.

Enjoy filtered water 24 hours a day. Installs easily. Plumbs directly into your cold water line for a continuous water supply.



CQE-WC-00900

FEATURES

- Built-in filtration system
- Separate hot/cold power switch
- Automatic heating shut-off when hot temperature is reached
- Automatic float valve
- High efficiency sealed compressor cooling system
- Adjustable cold water
- Type 304 stainless steel hot and cold water tanks
- Easy access front panel for service of Filter system
- Easy to use and easy to clean

SPECIFICATIONS

- Weight: 60 lbs.
- Dimensions: (D) 14.5" x (W) 14 3/4" x (H) 39.25"
- Total reservoir capacity: 3.2 gallons
- Heating power: 500W 6.2 Amps
- Cooling power: 112W 2.4 Amps - TOTAL NEEDED 612W 8.6 Amps
- Hold water tank volume: 1.45 gal
- Hot water tank volume: 0.5 gal
- Cold water tank volume: 1.2 gal
- Cooling capacity: 1.95 gal per hour 35-50°
- Heating capacity: 1.5 gal per hour 185°F
- Voltage: 110V-120V 50/60Hz
- Pressure range: 30-60 psi (2.1-4.1bar)
- Optimum service flow: 0.50 GPM at 60 psi (1.1 lpm at 4.1 bar)



ADD-ONS

- Ultraviolet (UV)
- Flood prevention valve
- Ozonator
- Power Stabilizer
- Leak Protector
- Add-on cartridges to remove fluoride, nitrates, arsenic and other water contaminants

WATER TRAVELS THROUGH 9 STAGES OF FILTRATION

Stage 1. Water travels through a sediment filter cartridge.

Stage 2. Water passes through a mixed blend of arsenic-free coconut shell activated carbon (Arsenic-free GAC™). GAC is universally recognized and widely used as an effective adsorbent for a wide variety of organic contaminants such as chlorine (99.9%), chloramines, chemicals linked to cancer (THM's, benzene), pesticides, herbicides, insecticides, volatile organic compounds (VOC's) PCB's, MTBE, and hundreds of other chemical contaminants that may be present in water that cause bad tastes and odors.

Stage 3. Water travels through an UltraFiltration (UF) membrane. UltraFiltration is an important purification technology used for the production of high-purity water. UF is effective for the removal of colloids, proteins, bacteria, viruses, parasites, protozoa, and pyrogens (e.g. gram-negative bacterial endotoxins), other organic molecules larger than .01 micron, and most other water contaminants known today.

Stage 4. Water flows through 1-micron filter pads (1 micron equals 1/25,000 of an inch), which removes suspended particles such as silt, sediments, cysts (Giardia, Cryptosporidium), sand, rust, dirt and other undissolved matter.

Stage 5 and 6. Water passes through a bed of media made of a special high-purity alloy blend of two dissimilar metals - copper and zinc (Eagle Redox Alloy® 6500 and Eagle Redox Alloy® 9500). Eagle Redox Alloy® (ERA) is a major advancement in water treatment technology that works on the electrochemical and spontaneous-oxidation-reduction (ERA) principles. Chlorine is instantaneously and almost inexhaustibly oxidized. Designed specifically for removing or reducing chlorine and water-soluble heavy metals which include mercury, cadmium, chromium, arsenic, lead and thallium.

Stage 7. Water flows through ceramic balls which remove harmful bacteria such as E. coli, fecal coliform, salmonella, streptococcus, and cysts (Giardia, Cryptosporidium)

Stage 8. Water travels through another bed of granulated activated carbon (GAC).

Stage 9. Water flows through another 1-micron filtration pad for further reduction of undesirable particles. The end result is a great reduction or the total elimination of a wide variety of contaminants.

*Filter cartridges have a limited service life and must be replaced at regular intervals to maintain proper performance. Changes in taste, odor, and flow of the water being filtered indicate that cartridges should be replaced.

This product is manufactured using: Ceramic balls that meet NSF/ANSI Standards 61/42 WQA Seal Certification; GAC which meets Standard NSF/ANSI 42 Certification; Eagle Redox Alloy® which meets NSF/ANSI Standards 61/42 Certification; and pre and post 1-micron filter pads which are from ISO 9001 approved manufacturers.

Disclaimer: Contaminants mentioned may not be present in your water.

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