



# POINT-OF-USE SHARP FLOOR BOTTLELESS WATER COOLER FILTER SYSTEM WITH ULTRAFILTRATION & REVERSE OSMOSIS

Crystal Quest® Point-of-Use Floor SHARP Bottleless Water Cooler Systems with Ultrafiltration & Reverse Osmosis 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.



CQP-WC-05900

CQP-WC-00910

## FEATURES

- Built-in filtration system
- Separate hot/cold power switch
- Automatic heating shut-off when hot water tank is empty or hot temperature reached
- Automatic float valve
- High efficiency sealed compressor cooling system
- Type 304 stainless steel hot and cold water tanks
- Easy to use and clean
- 12-24 months filtration life span\* based on consumption and water condition

## SPECIFICATIONS

- Floor weight: 48 lbs. / 122kg
- Premium floor weight: 59 lbs. / 127kg
- Floor dimensions: 13"D x 13"W x 42"H / 33cm D x 33cm W x 107cm H
- Premium floor dimensions: 13"D x 13"W x 50"H / 33cm D x 33cm W x 127cm H
- Heating power: 500W, 6.2 amps
- Cooling power: 112W, 2.4 amps
- Hot water dispensing temperature: 176-194°F / 80-90°C
- Cold water dispensing temperature: 35-50°F / 1.7-10°C
- Hot water tank volume: 0.5 gallon / 1.9 liters
- Cold water tank volume: 1 gallon / 3.8 liters
- Heating capacity: 1.4 gallons per hour / 5.3 lph
- Cooling capacity: 1.95 gallons per hour / 7.4 lph
- Voltage: 110-120V / 220-230V-50/60 Hz



## 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 passes through a granulated active carbon (GAC) cartridge. GAC is universally recognized and widely used as an effective adsorbent of a wide variety of organic contaminants such as chlorine (99.9%), chemicals linked to cancer (THM's, benzene), pesticides, herbicides, insecticides, volatile organic compounds (VOCs), PCB's, MTBE's, and hundreds of other chemical contaminants that may be present in water, which cause bad tastes and odors.
- Stage 2.** Water passes through a reverse osmosis membrane, which removes substantial amounts of most inorganic chemicals (such as salts, metals, minerals) most microorganisms including cryptosporidium and giardia, and most inorganic contaminants.
- 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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