



beachcomber
HOT TUBS

ClearTech™

FAQ

Q Why is Beachcomber's ClearTech UV Water Care System so effective?

A Regardless of pH level UV is 100% effective in eliminating viruses, bacteria, algae & other micro-organisms on contact.

Q Does it work with Chlorine or Bromine?

A Yes. ClearTech is 100% compatible with both chlorine or bromine based water care products.

Q Do I still need to balance my hot tub water?

A Yes. Balanced water is a base requirement for all water treatment programs to ensure safe, enjoyable water for any hot tub and to protect the equipment.

Q Do I still need a chlorine or bromine residual in the water?

A (Canada) must maintain 3-5 ppm of chlorine and bromine.

A (USA) only required to maintain 0.5-1 ppm chlorine/bromine.

Q What additional maintenance is required?

A Aside from ensuring balanced water, the UV bulb will need to be replaced periodically (approx. every 18 months), and at this time the protective quartz tube should be cleaned of any possible scaling. This can be done easily and quickly by your dealer.

Q How often do I have the UV Bulb replaced?

A Approximately every 15,000 hours or 1.5 years.

Q Is ClearTech compatible with ozone?

A Yes it is compatible with ozone oxidization systems.

Q Are there any harmful byproducts produced by the ClearTech system?

A There are no harmful by-products for either individuals or the environment, making the UV sanitizer the most eco-friendly water treatment system available.

Q Is ClearTech compatible with Care Free?

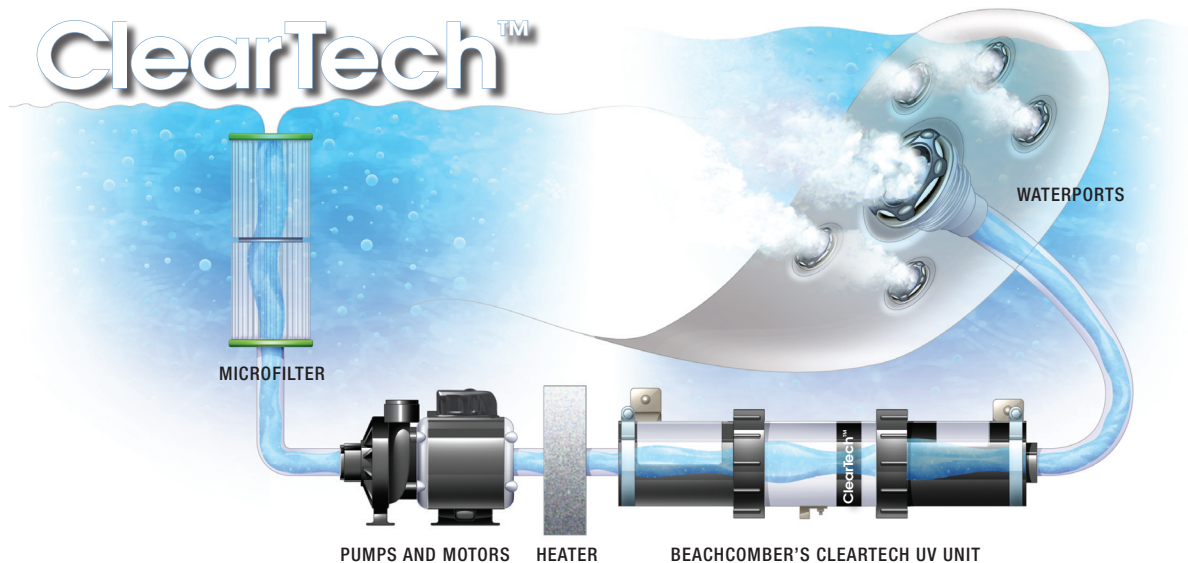
A Yes it is compatible and recommended in conjunction with Care Free to provide consumers with Beachcomber's lowest maintenance water care system.

BEACHCOMBER'S CLEARTECH UV WATER CARE SYSTEM

ClearTech™

Q What other water care products do I need?

A Depending on the overall system you choose, you will need water balancers and shock. See your Beachcomber Water Care Professional for complete product needs.



Q Will ClearTech reduce the amount of chlorine or bromine added to my hot tub?

A Yes, the UV sanitizer will reduce chlorine consumption by 50-70% .

Q Does ClearTech extend my water life?

A Since a UV sanitizer will ensure lower overall TDS by reducing the amount of chlorine/bromine added to a hot tub by 50-70%, it can extend water life.

Q Is ClearTech certified for use in hot tubs?

A The unit is listed with UL in Canada & the USA and is registered as an approved water sanitizing system for hot tubs and pools with the EPA.

Q Does it help reduce chloramines?

A Yes, the UV-C light helps to destroy chloramines, the compounds responsible for chlorine odor.

Q Doesn't UV destroy chlorine as with sun light in a pool?

A The sun is a UV-A light which can cause up to 70% chlorine loss, whereas the UV system is a UV-C light which has minimal impact on chlorine, resulting in only about 2-5% active chlorine loss.

Q Where else are UV Sanitizing systems used?

- Drinkable water purification systems
- Municipal water treatment & purification
- Pharmaceutical & hospital industry
- Brewery industry
- Fish farming / Aquaculture/ Hydroponics
- Water stores, restaurants
- Cooling towers

Q Do I still need to Shock my hot tub?

A In order to effectively oxidize away organic contaminants in the water, shocking is recommended on a weekly basis to ensure clean, clear water.

Q Why do I need to have a chlorine or bromine residual in the hot tub?

IN THE USA:

- The EPA requires by law to have a residual of sanitizer in the water at all times as a blanket requirement in order to protect consumers from health problems caused by unclean water. Many hot tubs do not have 24/7 true 100% filtration, which can cause the growth of bacteria and bio-film.
- Beachcomber Hot Tub's Smart Sense Technology equipment automatically purges all piping and jets twice a day, even if the hot tub is not used, ensuring 100% filtration and ClearTech operation.

IN CANADA:

- Health Canada requires a minimum chlorine or bromine level of 3-5 ppm.