

CB Tech Solid Carbon Block Technology

You Can Taste The Difference Quality Makes

Carbon Block Technology's (CB Tech) innovative, highly effective CB Tech Drinking Water Systems with Solid Carbon Block technology treat a broad spectrum of contaminants of aesthetic as well as health concern, making it the technology of choice for consumers throughout the world. CB Tech's CB Tech Drinking Water Systems products give you peace of mind by letting you control the quality of the water you drink.

Better Water — Better Health

For healthier living, experts recommend that you drink about eight glasses of water a day. Because our bodies are mostly water, water figures heavily in how our bodies function. Maintaining good health and proper hydration is easier with a CB Tech Drinking Water System because the water tastes great.

The Leader in Performance

Since 1970, CB Tech has been the market leader in high performance with its CB Tech branded drinking water filters. Only CB Tech Drinking Water Systems are certified to reduce the wide range of contaminants shown herein. CB Tech is the industry leader in manufacturing compressed carbon block cartridges and drinking water systems utilizing its technologically advanced filters. CB Tech Drinking Water Systems are backed by an unprecedented Manufacturer's warranty against defects.



How CB Tech's Solid Carbon Block Filters Work

CB Tech produces the most effective carbon block water filters available on the market. When comparing a CB Tech Drinking Water System's filtration capabilities with other filters, you will find that the performance of CB Tech Drinking Water Systems is superior. CB Tech's Solid Carbon Block filters combine mechanical filtration, electrokinetic adsorption, and physical adsorption to provide the most effective contaminant reduction possible. Contaminants with a physical size are electrokinetically adsorbed as water passes through the prefilter, which acquires a positive molecular charge attracting the negative ions of certain contaminants. Then the water passes through the densely compacted carbon block filter, where direct mechanical interception of particles as small as 0.5 micron occurs.

The compacted carbon block filter has a large surface area for chemical/physical adsorption to take place. With CB Tech's Solid Carbon Block, the water contact time is longer and provides for greater adsorption of many different chemicals, pesticides, herbicides and certain heavy metals.

The formulation of the CBAs filters includes a specially developed arsenic adsorptive media that is blended with the carbons, providing for the reduction of Arsenic V.

The filter is a replaceable cartridge design and easily can be changed. Filters should be replaced annually or sooner, if needed. Filter life will vary in proportion to the amount of water used and the level of impurities in the water being processed.

The most technologically advanced water treatment devices available, CB Tech Drinking Water Systems provide performance that cannot be achieved with other filtration technologies. Simply put, provides the best in water filtration!

BENEFITS

- Delicious, clear, healthier drinking water.
- Better-tasting beverages – coffee, tea, juices, and drinks of all kinds.
- Use for food preparation, improving taste of fruits and vegetables.
- High-quality water for cooking – better pasta and sauces, soups, etc.
- Better quality water for mixing baby formula and cereal.
- Improves taste and quality of ice.
- Your pets will love it too.

CONVENIENT

- Provides wonderfully delicious water right at your kitchen or bathroom sink.
- Variety of models available to meet your needs and budget.
- Easy to install.

EFFECTIVE

- Tested according to NSF/ANSI Standards and certified by NSF International.
- Reliable protection for all of your family's drinking water needs.
- Nothing harmful added to the water.
- Healthy minerals remain in the water.

AFFORDABLE

- Costs much less than bottled water.
- Filter replacement about once a year.
- Low maintenance cost.



Unsurpassed Performance

CB Tech Drinking Water Systems are tested according to NSF/ANSI Standards 42 and 53 for the reduction of:

Arsenic V*

Asbestos

Chloramine

Chlordane

Chlorine

Cyst (Giardia, Cryptosporidium, Entamoeba, Toxoplasma)

Lead

Mercury

MTBE

Particulate matter, Class I (0.5 micron)

PCB

Toxaphene

Turbidity

Volatile Organic Chemicals (listed below):

Alachlor
Atrazine
Benzene
Carbofuran
Carbon Tetrachloride
Chlorobenzene
Chloropicrin
2,4-D
Dibromochloropropane
o-Dichlorobenzene
p-Dichlorobenzene
1,2-Dichloroethane
1,1-Dichloroethylene
cis-1,2-dichloroethylene
trans-1,2-dichloroethylene
1,2 Dichloropropane
cis-1,3-Dichloropropylene
Dinoseb
Endrin
Ethylbenzene Ethylbenzene

Ethylene Dibromide (EDB)

Haloacetonitriles (HAN):

Bromochloroacetonitrile

Dibromoacetonitrile

Dichloroacetonitrile

Trichloroacetonitrile

Haloketones (HK):

1,1-dichloro-2-propanone

1,1,1-trichloro-2-propanone

Heptachlor

Heptachlor Epoxide

Hexachlorobutadiene

Hexachlorocyclopentadiene

Lindane

Methoxychlor

Pentachlorophenol

Simazine

Styrene

1,1,2,2-Tetrachloroethane

Tetrachloroethylene

Toluene

2,4,5-TP (Silvex)

Tribromoacetic acid

1,2,4-Trichlorobenzene

1,1,1-Trichloroethane

1,1,2-Trichloroethane

Trichloroethylene

Trihalomethanes (TTHM):

Chloroform (surrogate chemical)

Bromoform

Bromodichloromethane

Dibromochloromethane

Xylenes (total)

*The CBAs models are certified to reduce Arsenic V and all other contaminants listed. The CBVOC does not reduce Arsenic V; however, they reduce all other contaminants listed.

The list of contaminants that CB Tech Drinking Water Systems reduce does not mean that these substances are present in your tap water. Be sure to check for compliance with state and local laws and regulations.

CBVOC Stainless Steel Drinking Water Systems

The CBVOC models are an excellent choice for those offices and households where limited space is a consideration. These high quality stainless steel models can be installed below the counter or on the countertop. They come with a Manufacturer's warranty against defects and provide a flow rate of 0.75 gpm @ 60 psi. The approximate housing size is 12.25" x 5". The capacity of units with the CBTVOC filter is up to 750 gallons.



- Model CB-VOC-SB may be installed below the counter and comes with a designer faucet.
- Model CB-VOC-SC is for use on the countertop.
- Model CB-VOC-SI is for in-line use.
- Model CB-VOC-SB-PID may be installed below the counter and comes with a designer faucet and a Performance Monitor, extending cartridge life to 1200 gallons.

CBAs Stainless Steel Drinking Water Systems with Arsenic V Treatment

The CBAs models are an excellent choice for reducing a wide range of contaminants including Arsenic V. All models provide a convenient flow rate of 1.0 gpm @ 60 psi. The stainless steel systems offer outstanding performance and high quality features. The housing size is 12.25" x 5.0". The stainless steel housing comes with an unprecedented Manufacturer's warranty against defects. The capacity of the unit with the CBTAs filter is up to 600 gallons.



- Model CB-As-SB may be installed below the counter and comes with a designer faucet.
- Model CB-As-SC is for use on the countertop.
- Model CB-As-SI is for in-line use.
- Model CB-As-SB-PID may be installed below the counter and comes with a designer faucet and a Performance Monitor, extending cartridge life to 960 gallons.

CB Tech Drinking Water Systems conform to NSF/ ANSI Standards 42 and 53 for the specific performance claims as verified and substantiated by test data, and conform to NSF/ANSI for pentavalent arsenic reduction. See the product performance data sheet for an explanation of reduction performance. The filter is not intended to be used where the water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the filter. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

Countertop models offer the convenience of being able to connect to your existing faucet with an easy-to-use diverter that allows you to switch from filtered to unfiltered water.

Systems with a Performance Monitor include an electronic indicator device that flashes when the filter should be changed. CB-VOC-SB-PID capacity is up to 1200 gallons using filter model CBTVOC, and the CB-As-SB-PID capacity is up to 960 gallons using filter model CBTAs.

What Is NSF® Certification?

The NSF® certification provides consumers peace of mind. NSF certifies that:

- The system meets the contaminant reduction claims of the manufacturer;
- The system is not adding anything harmful to the water;
- The system is structurally sound;
- Advertising, literature, and labeling are not misleading; and
- The materials and manufacturing process don't change.



CB Tech DRINKING WATER SYSTEMS

CB Tech's exclusive CB Tech design has been certified, registered, and/or listed by:

- NSF International
- All states that regulate drinking water treatment devices, which are:
 - California Department of Health Services
 - Iowa Department of Public Health
 - State of Wisconsin, Bureau of Building Water Systems, Research & Products Review Unit

CB Tech is further recognized as:

- Member, Water Quality Association
- EPA Establishment No. 074784-NV-001



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