

Now you can enjoy virtually the Most Delicious, Freshest, Healthiest drinking water possible for only pennies a day...

Berkey® Natural Gravity Filtration Systems are used world-wide to provide virtually the most delicious, sparkling clean water possible...

For generations, health-conscious people around the world have recognized that the foundation to a healthy life and healthy body is clean, fresh drinking water. This important essential molecule is the basis for enjoying your longest, healthiest life. No amount of vitamins or supplements can substitute for the vital life-sustaining properties found in nourishing, healthful drinking water. It is truly the foundation of life.

Berkey® systems have become the standard of excellence by which all other water filtration systems are measured!

Perhaps that's why **Berkey®** systems have long been recognized as the world's ultimate in water filtration. This simple, highly effective system was developed almost 200 years ago... yet it still produces some of the finest, most healthful drinking water

You deserve the freshest, cleanest water possible from the world's most superior water filtration systems.

Unfortunately, securing your access to good-tasting, sparkling, wholesome drinking water can be harder than you might expect. Water is often laced with chlorine, lead, high levels of harmful bacteria, and other unwanted chemicals and contaminants. Frequently these produce unpleasant tastes and odors. Even bottled water can contain these same contaminants, and moreover it is very expensive. Other filtration systems are inferior. Most do not remove pathogenic bacteria and many remove the beneficial minerals that your body needs.

available. What makes **Berkey®** systems so revolutionary is that it removes pathogenic bacteria (99.99%) and reduces harmful or unwanted chemicals, while leaving in the healthful minerals and nutrients that your body needs.



How the Berkey® System Works:

The **Berkey®** system's unique design combines the age-old process of micro-porous filtration used by nature coupled with modern state-of-the-art technology and the highest quality materials to bring you one of the finest water filtration systems available anywhere. To use, the upper chamber is filled with water. Gravity draws this water through the exclusive "Super Sterasyl™" ceramic filters, where it then collects in the lower chamber. These durable and efficient elements can be cleaned and re-cleaned, with a ScotchBrite® pad or toothbrush to increase their life. What's more, the unique ceramic filters are impregnated with silver, inhibiting mitosis or grow-through.

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Not Available in California or Iowa



The Berkey® Secret: The Super Sterasyl™ Filter

Berkey® systems use the age-old process of micro-porous filtration used by nature coupled with modern state-of-the-art technology and the highest quality materials to produce one of the finest water filtration systems available anywhere.

At the core of the sub-micron ceramic filter is the most basic of elements: Diatomaceous Earth. This is the same substance, which artisans refine into exquisite porcelain and pottery.

The microscopic pores of the ceramic filter element make it an extremely efficient filter for the reduction of particulate matter, pathogenic bacteria and fine sediment from water. Minute particulate matter will quickly plug media style filters, but the ceramics have the added benefit of being re-cleanable and re-useable.

The Super Sterasyl™ element, used in **Berkey®** systems, utilizes the latest technological advances of ceramic filtration by incorporating pure silver impregnation into the porous ceramic shell to inhibit the growth of bacteria.

Furthermore, the Super Sterasyl™ ceramic filter elements contain activated carbon, which reduces unwanted chemical and organic compounds from the water while also improving taste.

Berkey® water filters really are the World's Ultimate Water Filtration Systems. Now you can make a **Berkey®** system the foundation of your healthy lifestyle.

The re-cleanable Super Sterasyl™ ceramic filter removes greater than 99.99% of cysts, parasites and pathogenic bacteria and reduces chlorine, particulates, rust and sediment.

The ceramics are impregnated with silver which inhibits microbiological mitosis or "grow through".

WATER FLOW →

Granular activated carbon reduces chemical and organic compounds.

Final stage to prevent passage of carbon fines.

High Quality Food Grade Seal.



**FRESH CLEAN
DRINKING &
COOKING
WATER**

What's Hiding in Your Drinking Water? Super Sterasyl™ Filters:

Removes Pathogenic Bacteria:

Cholera, Typhoid, Salmonella, Serratia, E.coli, Fecal Coliform > 99.99% removal.

Removes Cysts:

Cryptosporidium Parvum and Giardia Lamblia – 99.999% removal (based on tests by Arizona State University).

Reduce Organic Chemicals:

Pesticides, herbicides, organic solvents, SOCs, VOCs, trihalomethanes.

Reduce Chlorine > 90%

Reduce Turbidity, Sediment and Particulate:

@ 0.9 micron >99.99%

@ 0.5 – 0.8 micron > 99.9%

@ 0.2 – 0.3 micron > 98%

(Based on tests by Spectrum Laboratories, Minneapolis, MN).



Easy Setup and Installation

The **Berkey®** system sets up in minutes. Simply screw in the filter elements, attach the spigot and you are ready to filter water!

Re-cleanable filters

Each filter can be re-cleaned many times. It's like getting many filters for the price of ONE!

Super Sterasyl™ ceramic filters are manufactured to the following international standards and have been tested and approved by the following independent bodies or agencies:

ISO-9000: 2000, Hyder Labs – UK, Spectrum Labs – UK, WRc – Mednham UK, Clare Microbiology – UK, Loughborough University – UK, University of Arizona – USA, Thresh, Beale, and Suckling – UK, and WRc Gwent – UK.

Item Code	Description	Capacity	FLOW RATE
SS4X4-7	British Berkefeld® (4-7" Filters)	2.25 Gallons	~20-24 Gallons/Day
BK4X4-CF	Big Berkey® (4-9" Filters)	2.25 Gallons	~25-30 Gallons/Day
SSCF-7	7" X 1.9" Diameter Super Sterasyl™ replacement elements (<i>standard flow rate</i>)		
SSCF-9	9" X 1.9" Diameter Super Sterasyl™ replacement elements (<i>faster flow rate</i>)		

Frequently Asked Questions

1) Why are our ceramic elements unique?

- A) Our ceramic filters have been in continual use since 1827.
- B) Silver impregnated: Inhibits Mitosis or Bacterial Grow-Through.
- C) Particulate reduction: .2 Nominal
@ .2 Microns 98%, @ .3 Microns >99.7%
@ .5 Microns >99.9% (Spectrum Labs)
- D) Removes >99.99% of Cryptosporidium, Giardia, E. coli, Vibro Cholerae, Salmonella, Dysentaria.
- E) Toxicological extraction is commonly the most difficult area of the NSF testing standards to satisfy. This shows that the filter does not re-contaminate the water. Many other ceramics have not passed and may not be capable of passing the NSF material extraction test. The Ceramic shell of our Super Sterasyl™ element is an NSF Listed Component and is manufactured to meet NSF standard 42 for materials.
- F) Carbon Core: Reduces bad tastes and odors as well as pesticides, herbicides, organic solvents and trihalomethanes.
- G) Ceramic elements may be cleaned many times to prolong the life of the filtration elements.
- H) No other ceramic manufacturer may claim all of the above.

2) When and how do I clean the ceramic filter elements?

If the time it takes for the water to filter into the lower chamber substantially decreases, simply hold the ceramic element under clean running water while scrubbing lightly with a ScotchBrite® pad or toothbrush. Cleaning should be performed evenly by working from the threaded mount down.

3) What else should I do to maintain the system properly?

- a) Wash lower chamber once per month with soapy dishwater.
- b) In areas with hard water, calcium scale may build up on spigot and chambers after prolonged use. To remove, soak affected part(s) in vinegar or a 50-50% mix of vinegar and water for about 15 minutes. Wipe away calcium scale with a ScotchBrite® pad or soft brush then wash with soapy dishwater and rinse.

4) What happens when the carbon becomes exhausted?

The carbon will be unable to reduce chemicals, foul tastes and odors in the source water. *Notes: a) When the carbon is exhausted, the ceramic shell will continue to remove pathogenic bacteria and turbidity.*

5) How do I determine when the filter element must be replaced?

Replace the elements when the carbon has been exhausted or if there

is a significant change in diameter of the ceramic after cleaning. Anytime a crack in the ceramic occurs, the integrity has been lost and the filter must be replaced.

6) Does the system remove beneficial minerals? No.

7) How durable are the systems?

The exterior chambers are made of high-grade polished stainless steel making them rugged enough to handle camping trips and college dorms yet elegant enough to complement your finest décor (*The LP system is made of food grade polypropylene*).

8) Historically, who has used these filtration systems?

- A) The Royal household in England.
- B) Populations in over 140 countries worldwide.
- C) Relief Organizations such as UNICEF, the Peace Corps, Missionary organizations and Red Cross Societies Internationally.
- D) Hunters, campers, adventurers and explorers.

9) How do I determine which Berkey® system is right for my needs?

The most popular family model is the **Big Berkey®**. The **LP** system is popular for outdoor activities. The **Imperial Berkey®** and **Crown Berkey®** models are more useful for large groups and can service from 100 up to 150 people per day.

10) What are the limitations found in other types of water filtration systems?

Carbon Block, paper and certain resin based filters: Most commonly used, filters are not re-cleanable, there is no feedback mechanism for filter replacement and most do not remove pathogenic bacteria. Most popular systems provide only 40-700 gallons before the filter must be replaced.

Distillation: Removes beneficial minerals from water, does not remove VOCs (*chemicals found in herbicides, pesticides and fertilizers*).

Reverse Osmosis: Removes beneficial minerals from water, does not remove pathogenic bacteria, filter is not re-cleanable, there is no feedback mechanism for filter replacement and reservoir tank can become a breeding ground for bacteria.

The Above Systems: Virtually all of the above systems become useless during emergencies when power and/or water pressure is lost.

Bottled Water: Tap water is considered an acceptable source; many bottled waters contain high levels of bacteria and the industry is virtually unregulated.

Berkey® PF-4™ Reduction Elements

PF-4 reduction elements are designed for use in conjunction with Berkey® ceramic water filter elements for the “adsorption” of the following four unwanted elements most commonly found in drinking water.

- MTBE (Methyl-tertiary-butyl-ether)
- Fluoride
- Lead
- Arsenic

PF-4™ filters are also designed to “adsorb”:

- DBCP (Dibromo-chloro-propane)
- THM's (trihalomethanes)
- Herbicides & Pesticides
- Heavy Metal ions

Berkey® PF-4™ Reduction

Elements (Set of Four):

SIZE: Length 6”, width 2.5”

COLOR: WHITE

REPLACEMENT: 6 MONTHS *

* Actual capacity is dependent on the presence of other competing contaminants in the source water. High levels of total organic carbons and volatile organic compounds may reduce the capacity and efficiency of the elements.

TECHNICAL INFORMATION:

MTBE: PF-4™ elements are manufactured to exceed ANSI/NSF Standard 53, which requires that MTBE be reduced by at least two thirds from an influent rate (*water going in*) of 15ppb to an effluent rate (*water going out*) of less than 5ppb (*> 95% reduction**). **LEAD:** Tests have shown that when 2000 gallon of influent water at a concentration of lead of 150-200 ppb pass through 200 grams of media at a flow rate of 1gpm, the lead level was reduced to less than 1ppb (*>99% reduction*). **FLUORIDE:** Testing for fluoride was based on 20-30ppm of the ion in the influent aqueous solution at a flow rate of no more than 3 gpm per cubic foot of media. Results of < 1ppm of the fluoride ion in the effluent were typical for the media (*>95% reduction*). Under optimum conditions, effluent concentrations of less than 50 ppb were readily achieved (*>99.75% reduction*).

REPLACEMENT:

Under normal conditions it is recommended that PF-4™ elements be replaced at six-month intervals (*if water is heavily contaminated with MTBE, fluoride, lead or arsenic filters should be replaced in four-month intervals**). Note: do not boil this element.

Item Code: PF-4

Berkey® Filters

The Ultimate in Water Filtration

- * **HEALTHY** – Berkey® systems are far superior to other filtration systems because they remove (>99.99%) harmful pathogenic bacteria, cysts and parasites and they reduce unhealthy chemical contaminants and impurities while leaving in the essential minerals your body needs. Berkey® systems produce virtually the most healthful, clean and delicious water available.
- * **CONVENIENT** – Berkey® systems assemble in minutes without tools, electricity, water pressure, or plumbing. What's more, they are simple to operate and maintain.
- * **ECONOMICAL** – Berkey® systems are easily the most economical water filtration system you can own. Their unique design allows you to easily remove and re-clean the filter elements over and over again.
- * **POWERFUL** – The powerful Berkey® systems easily filter ordinary tap water, yet are so powerful, they efficiently filter even raw, untreated water from lakes and streams. What's more, Berkey® systems are the ideal water filtration systems to have on hand in the event of unexpected emergencies such as blackouts, hurricanes, floods, earthquakes as well as local or national emergencies, when treated tap water is not available.
- * **FLEXIBLE** – Berkey® systems are so convenient and easy to use, you can take them anywhere: on vacations, hunting & camping trips, college dorms and they are ideal systems for RV' and pleasure craft.
- * **ELEGANT** – Berkey® systems are available in high-grade polished stainless steel making them durable and attractive. Their elegant design makes them a beautiful addition to any kitchen or home.
- * **PROVEN HISTORY** – The high quality and effectiveness of the Berkey® system has stood the test of time. The concept of gravity water filtration was first ordered by the Royal House in England, these systems have also been used by relief organizations such as UNICEF, the Peace Corps, and Red Cross Societies Internationally. What's more, these systems have been used for over 150 years by missionaries and relief workers in over 140 countries around the world.

Berkey® Filters, Really Are the Ultimate Water Filtration Systems



*How Healthy Is
Your Drinking Water?*

*Here's The
Information
You Requested!*