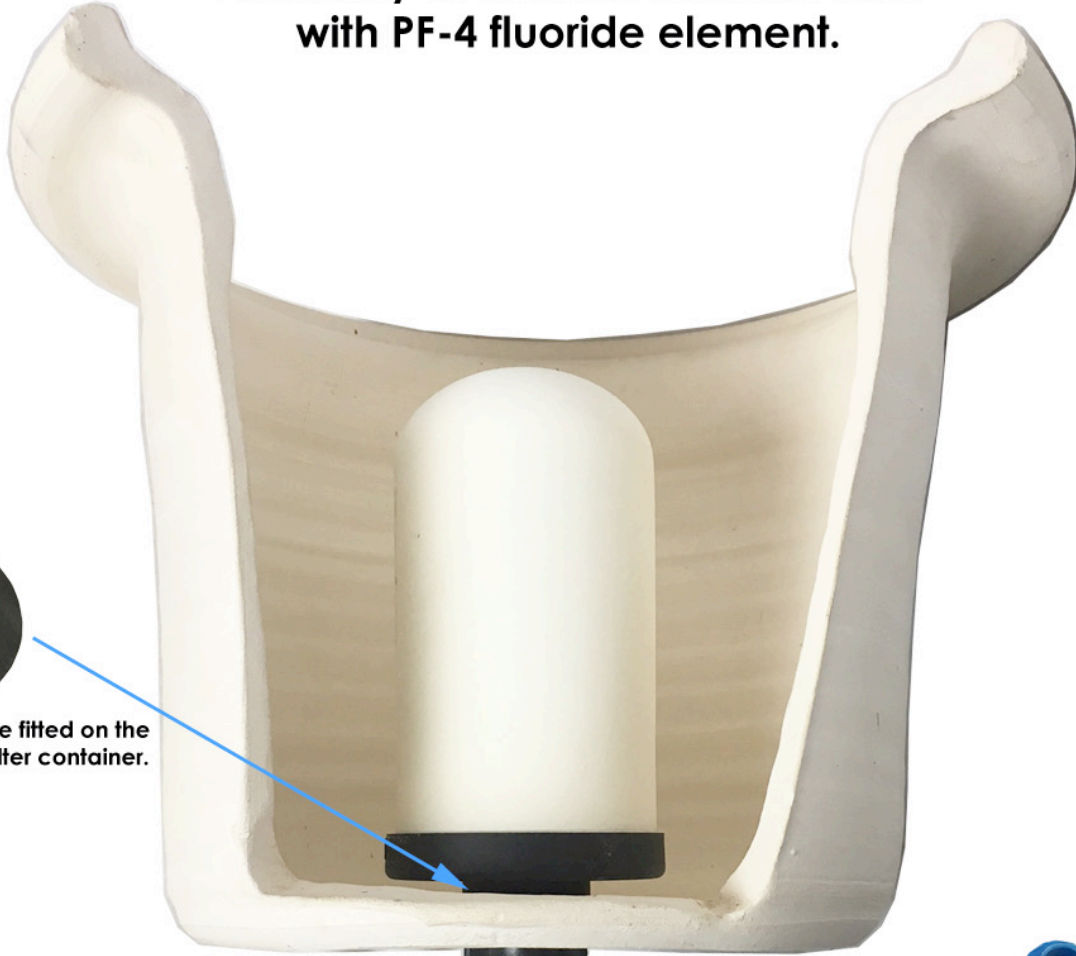


Assembly of Doulton ceramic filter with PF-4 fluoride element.



Washer is to be fitted on the inside of the filter container.



Wingnut is to be secured underneath the filter container.



Remove and discard blue caps from both ends of the filter element before priming. Once primed, then attach to ceramic filter.

Make sure to not overtighten the element. The element should only be turned 2-3 times. The threading of the ceramic filter should be visible.



Priming Button - This is only for the use of priming the PF-4 filter element. This is to be kept aside for use with the spare element. This does not form part of the assembly.

Berkey PF-4 Reduction Elements

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

- MTBE (Methyl-tertiary-butyl-ether)
- Fluoride
- Lead
- Arsenic
- DBCP (Dibromo-chloro-propane)
- THM'S (trihalomethanes)

- Herbicides & Pesticides
- Heavy Metal Ions



Durand Fluoride Reduction System w/PF-4's installed



Stainless steel Berkefeld System w/PF-4's installed

INSTALLATION and PRIMING PROCEDURE

CAUTION: FILTERS MUST BE PRIMED AND FLUSHED PRIOR TO USE.

DO NOT INSTALL BEFORE PRIMING PROCEDURE

The media within your PF-4 elements contains micro fine process dust that can cause the filtered water to have a bitter taste. To dislodge the process dust it is necessary to prime each element.

Priming Procedure

- 1) With blue caps in place wash the exterior of each PF-4 element with mild dish soap.
- 2) With clean hands, remove both blue caps from each end of the element.
- 3) Place the rubber washer on the end of the element (with the hole of the washer in alignment with the element hole.
- 4) Press the washer up against the tap/faucet to create a seal between the element and the tap. Place thumb on top of the tap to help seal.
- 5) Holding the element against the tap, gently turn on the cold water, allowing water to fill the element cavity and discharge from the opposite end. Allow the water to discharge from the end for one minute or until water runs clear.
- 6) Turn the PF-4 element the other way and prime the other end by following steps 3-5 again.

Installation

- 1) Assemble the water filter as per the water filter assembly instructions. Then remove the filter container /chamber from the system and place it upside down on the counter so the stems of the ceramic filter are facing upwards.
- 2) With the water flow arrow pointing away from the filter container, gently screw the PF-4 element onto the stem of the ceramic filter. Note- Do not screw on more than three turns or it may damage the element, and create slow filtering.
- 3) Replace the filter container/chamber to the system, note- the PF-4 element will be hanging inside the storage container or lower chamber. Fill the upper section or filter container with water.
- 4) Discard the first batch of water.

TECHNICAL INFORMATION- The PF-4 Elements are manufactured to exceed ANSI/NSF Standard 53.

FLUORIDE- >95% reduction (tests based on 20-30 ppm of the ion, reduced to less than 1ppb).

MTBE >95% reduction (tests from an influent rate of 15ppb to an effluent rate of less than 5ppb).

LEAD >99% reduction (tests from influent water with lead concentration of 150-200ppb to an effluent level of 1ppb).

REPLACEMENT- PF-4 elements should be replaced every 1000 litres

If using one at a time (in a Durand Fluoride System) change about every 6 months, based on approximately 5 litres a day.

If using two at a time (in a Berkefeld system or Durand Deluxe) change about once a year, based on approximately 5 litres a day.

* Berkey PF-4 elements are made in the USA by New Millenium Concepts