

BERKEY

Installation & Use Guide

Gravity Water Filtration System — berkey.shop



Introduction

Before you start

- Check that all items have been included in your shipment.
- Wash the lid, button, chambers, faucet and the plugs with warm soapy water.
- Rinse all items thoroughly and place the chambers on their flat bases.

■ **Never wash the Black Berkey or PF-2 filters with soap. Rinse with cold water if necessary.**



Note

- Read the priming instructions for the filters **Black Berkey** and **PF-2** carefully before use.
- The number of filtration elements provided depends on the system ordered:

Travel Berkey	2 Black Berkey elements
Big Berkey	2 or 4 Black Berkey elements
Royal Berkey	2 or 4 Black Berkey elements
Imperial Berkey	2 or 6 Black Berkey elements
Crown Berkey	2 or 8 Black Berkey elements

Box contents



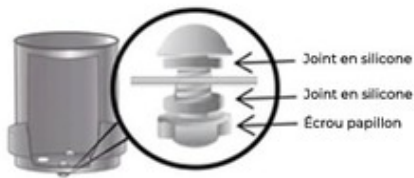
1 · Lid knob with washer and screw
 2 · Lid
 3 · Upper chamber
 4 · Black Berkey filters
 5 · Hole plugs (2 models)

6 · Lower chamber
 7 · Faucet
 8 · Rubber base ring
 9 · Classic priming button
 10 · PF-2 filters (Optional)

Assembly

Installing the nuts

- Unscrew the washers and wing nuts.
- Place a washer inside and outside a hole. Thread the nut through the hole.
- **Hand-tighten until secure.**
- Repeat diagonally for the second plug to distribute weight evenly.



Installing the plugs

- Insert a plug into a hole in the upper chamber.
- Repeat diagonally for the second plug.



■ Your system comes with nuts or plugs. Follow the instructions for the one provided.

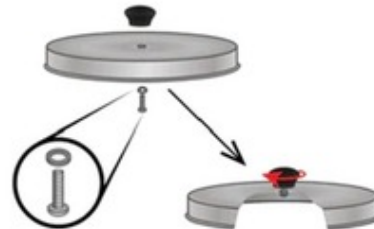
Base ring and vent clip

- Attach the rubber base ring to the lower chamber to prevent sliding.
- Attach the vent clip as shown in the diagram.
- Place the clip with its flat side inside the chamber.



Handle assembly

- Insert the handle screw into the underside of the lid.
- Place the handle on the lid and hand-tighten only.



Attaching the faucet

- Remove all washers and the hex nut from the faucet.
- Place the washer with the beveled edge facing outward.
- Insert the faucet through the beveled washer and into the hole.
- From the inside, thread the flat washer then the hex nut.
- Turn the faucet upside down. Hand-tighten the hex nut from the inside.
- Turn half a turn clockwise while holding the nut.
- Fill with 15-20 cm of water to test for leaks.



Priming Black Berkey Elements

■ You must prime your filters before installing your system. Read these instructions carefully.

Included in this kit with a Berkey system:

1. Universal Prime rite priming button
2. Vent clip
3. Prime rite fluoride adapter (PF-2)
4. Red food coloring bottles x2



1

Attach the blue silicone priming button to the faucet. Make sure the end of the button is as close as possible to the faucet tip.



2

Push the stem of the Black Berkey element into the blue priming button.



3

Keep one hand on the filter and slowly open the faucet. Use cold water only and do not let them hang.



4

Increase gradually the flow until you reach a moderate flow.



5

If the blue priming button swells (like a blister), reduce the water pressure.



6

Run water until it starts to bead across the entire surface. Allow about 1 minute to prime completely.

Priming PF-2 Filters

Included with a Berkey system:

1. Universal Prime rite priming button
2. Vent clip
3. Prime rite fluoride adapter (PF-2)
4. Red dye bottles x2



Included for PF-2 filters:

1. Universal Prime rite priming button
3. PF-2 Prime rite adapter



1

Attach the priming blue to the faucet. The end must be as close as possible to the spout.



2

Locate the end threads and attach the white plastic fluoride adapter.



3

Gently push the PF-2 adapter into the blue priming button (guide continues overleaf).



4

Slowly open the faucet and gradually increase the flow. Cold water only.



5

If the blue priming button swells, reduce the pressure. Do not let the element hang.



6

Cover the bottom end and let water fill the element for 30 seconds, then stop.



1



2



3

Remove the element from the priming button and shake both ends. Reattach the element to the priming button and turn on water at low pressure (see step 4). Slowly increase pressure until a steady stream flows from the bottom. Reusement 1 minute.



4

Continue for 2-3 minutes until water flows. Repeat steps 5-8 if necessary.



5

You are ready to install your Berkey PF-2 elements.

SECTION 03B

Vent Clip

The anti-blocking clip allows your system to have air in the lower chamber for better flow.

- The short part must be positioned outward.
- The long part is installed inside the lower chamber.



Red Dye Test

Before you start:

- Remove the upper chamber and empty all water.
- Remove the PF-2 element and place it in a safe location.
- Empty the lower chamber and place it in a safe location.



1

Place a clear glass under each Black Berkey element stem, making sure that the water from each filter goes into its own glass.



2

In another container, add one teaspoon of red dye for each gallon of water in your upper chamber, and mix.



3

Pour the tinted water into your upper chamber. The elements must be completely submerged. Never drop the dye directly on your elements.



4

Allow the water to filter into the glasses below.



5

Examine the water in each glass. If the filtered water has a pink or red tint, vos éléments not are working not properly. Check the installatio and repeat the test. If the problem persists, contact us.

Installing Black Berkey Filters

■ You must prime your filters before this step.



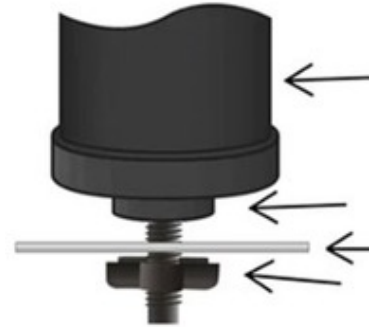
1

Screw the black rubber washer onto the stem of each Black Berkey filter.



2

Insert the filter stem into an empty hole in the upper chamber. Repeat for each filter.



3

From the outside, screw on the black wing nut and hand-tig **Do not over tighten.**



4

Important: Make sure all adapters have a washer between the base and the filter, and that all nuts have a washer on the inside and outside of the chamber.

Installing PF-2 Filters (optional)

■ You must prime your filters before this step.

- Empty the remaining water from the upper chamber.
- Place the upper chamber upside down so the stems point upward.

■ Make sure you have primed the fluoride filters and removed the blue plugs.

- With the flow arrows pointing toward the upper supérieure, vissez les filtres sur **maximum eight turns**

■ Do not exceed 8 turns, as this could damage the internal filter.

- Replace the upper chamber on the lower chamber so the filters hang inside.

