

Instructions for 4 x 4 Filter Kit, Model GEGK-4x4



IMPORTANT! Read All Instructions Before Installation to Ensure a Leak-Free Filtration System.

It is always best to prepare your filtration system **BEFORE** an emergency arises!

IN THE BOX:

0.2 Micron Filter
Sock
Rubber Band
Spigot
Hex Nut for spigot
2 (black) Washers for spigot

Located on filter:

Wing Nut for filter
2 (white) Washers for filter



TOOLS NEEDED:

Drill with:
3/4" bit for spigot
5/8" bit for filter
1/16" bit for vent holes

IMPORTANT: Thoroughly clean both buckets inside and out, before drilling.

DRILLING HOLES FOR THE FILTER



RECTANGULAR Shape Wise Food Buckets:

WARNING! Filter hole in the upper bucket must be positioned **EXACTLY** centered on the raised reinforcement strut, as shown here. This is critical for a proper seal.

For ROUND Buckets:

Drill the hole for filter in center or near center of the bucket bottom & lid, making sure holes are aligned in both bucket and lid.



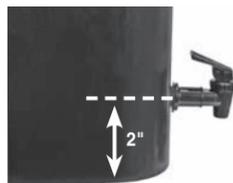
- 1) It is important to make pilot holes, drilling both top bucket and bottom bucket lid **AT THE SAME TIME** to ensure proper alignment. Stack the buckets upright with the LID of bottom bucket securely in place.
- 2) From the inside of top bucket, make the pilot holes, going all the way through lid of the bottom bucket. This will ensure perfect alignment of holes. To make the pilot hole, grip a medium sized

nail with vice grips, heat end of nail enough to melt the plastic (eg. stove burner) and push down firmly in the proper place, penetrating both upper bucket and lid of lower bucket. Always use extreme caution to avoid burns when using a heated object to make holes.

- 3) You may then invert the upper bucket and lid of lower bucket together to drill holes from the bottom side at the same time. Use a 5/8" bit.

HOLE FOR SPIGOT

On the front center of bottom bucket, drill a 3/4" hole exactly 2" on center from the bottom of the bucket.



OPTIONAL VENT HOLE

A tiny ventilation hole in BOTH BUCKETS will allow for faster water filtration. The best place is on the side of bucket, near the top, just under the rim, as shown here. Use a drill with 1/16" bit, or you may melt a hole using a heated small nail.



After drilling holes, clean and smooth all rough edges, being careful to remove any drilling debris, as this may impair the seal.

Instructions continued on back

Make sure there is no leak around the filter stem, as the unfiltered water will leak down into the lower bucket, contaminating the filtered water.

INSTALLING THE SPIGOT IN BOTTOM BUCKET - DO THIS FIRST!

- 1) Place one black washer on stem of spigot, with flat side of washer facing bucket.
- 2) Insert the spigot through hole and place the other black washer on stem, flat side facing bucket.
- 3) Place hex nut on spigot stem, and hand-tighten, Do not over-tighten, do not use tools to tighten.
- 4) CHECK FOR LEAKS: Fill about 1/3 of the bucket with water. If a leak is detected, make sure all washers are seated properly, check tightness of hex nut.



INSTALLING THE FILTER IN TOP BUCKET

IMPORTANT! When installing the filter, hold by the base only. Do not grab on to the ceramic area as it may break or damage the integrity of the filter. Use caution when handling/installing or removing filter; never try to separate the ceramic filter from its base.

- 2) Place one white washer on the stem of the filter.
- 3) Insert the stem through the hole in the top bucket and through the lid of the bottom bucket.
- 4) Place the 2nd white washer on the stem and attach the wing nut.
- 5) Hand tighten the wing nut until tight. Do not over-tighten, do not use tools to tighten.
- 6) Place the sock over the filter and use the rubber band to hold the sock in place. The rubber band should be placed at the bottom of the filter.



CHECK FOR LEAKS:

- 1) Fill about 1/3 of the top bucket with water
- 2) If a leak is detected, make sure all washers are seated properly, check tightness of wing nut.

FILLING INSTRUCTIONS

- 3) Set the completed bucket system on a level surface.
- 4) Fill the top bucket with water.

NOTE: It usually takes several days for the flow rate to reach maximum output, around 3/4 to 1 gallon per hour. The flow rate increases as the filter becomes saturated with water.



Bucket Image is for demonstration only.
The GEG filter is not a product of Wise Company.

CLEANING INSTRUCTIONS

As the filter is used, the sock and filter may become stained and clogged with particulates. When the flow rate of the filter decreases, cleaning is recommended. **NEVER USE ANY TYPE OF SOAP WHEN CLEANING THE BUCKETS, THE SOCK OR THE FILTER. THIS WILL RUIN THE FILTER AND IT WILL NO LONGER FUNCTION PROPERLY!**

Use caution when handling/installing or removing filter; never try to separate the ceramic filter from its base.

- 1) Using rubber gloves remove the filter, and the sock and rinse separately in clean water.
- 2) Using a Scotch-Brite pad (green scrub pad) GENTLY rub the surface of filter. This will remove some of the stain and dirt.
- 3) Rinse with clean (filtered) water.
- 4) Re-attach the sock and fill the top bucket with water.

SIPHON TUBE (not included)

To achieve maximum flow rate of about 35 gallons per day, a siphon tube must be installed. Use tubing approx. 18" long and 5/16" outside diameter. Insert tubing into the stem of filter, far enough for the tube to stay in place. Let the free end of the tubing lay in the bottom of the lower bucket. Then fill top bucket with water.

FILTER LIFE

Once you start using the filter, the carbon based media is good for approx. 1 year, depending upon the quality of water filtered. The ceramic shell, which is filtering out the bacteria, will last between 1-2 years. If the flow rate is very slow even after cleaning the filter, it should be replaced. Average replacement time is 8 months to 1 year.