## Instruction Sheet Personal Mini Water Filter

Model GSS-Mini

Ceramic Engineering Making Water Safe to Drink Since 1827



## ASSEMBLEY INSTRUCTIONS AND OPERATION:

- 1. Wash and sterilize the lid (1), upper (2) and lower chamber (6) using warm water dish soap and a spoonful of household bleach and wiped dry. This procedure should be done from time to time.
- 2. Insert ceramic candle (3) through the upper chamber hole ensuring the "O" (4) ring is onto the candle nozzle.
- 3. On the underside of the upper chamber fasten the candle with the wing nut (5) ensuring positive seal.
- 4. Fill the upper chamber with water (cold water only) and place it on top of the lower chamber and let the water to filter out for about an hour. Clean candle will filter about 16-18 ounces of safe and delicious water per hour.

**Note:** We recommend the first supply of filtered water be discarded as it may contain loose material washed from the candle as well earthy water taste.

## SERVICING:

The ceramic candle (3) should be cleaned when there is noticeable increase in filtration time. To clean the candle:

- 1. Empty the upper chamber (2) and unscrew the wing nut (5). Always (when ever possible) wear rubber glove when holding the ceramic end of the candle as it may contain harmful bacteria and or cysts on its surface.
- 2. While holding the ceramic end remove the rubber "O" ring (4), place a clean plastic material ( sandwich bag etc) over the threaded nozzle and secured with the "O" ring. By sealing the nozzle this will prevent contamination while cleaning.
- 3. While holding the candle under running water or in a bowl of water scrub the ceramic surface using stiff nylon brush, tooth brush or nylon scouring pad such as Scotchbrite (<sup>™</sup>) until its surface become pure white as when it was brand new. Always scrub away from the threaded end. <u>Never use</u> <u>soap, detergents nor steel wool.</u>

This procedure can be repeated when water production time increases up to 50 times. Replace the candle once per year to ensure optimum quality drinking water. The ceramic shell contains small amount of pure silver eliminating the need for hot water sterilization.

If you accidentally drop the candle and did not brake to ensure the integrity do the following test.

- 1. First the candle needs to be air dried for at least 24 hours.
- Submerge it into water container while holding a finger over the outlet to keep the air inside.
- 3. If there is a crack the trapped air would exit through it and you would see bubbles indicating replacement.

Doulton filters are manufactured in England by FICL.

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