



## Product User Manual

Dear Customer,

Thanks for placing the confidence in TivaWater® for your water purification needs. The revolutionary TivaWater® filter helps ensure that your family is protected from water borne diseases and have access to clear, safe, good-tasting water. This manual will help you in using your TivaWater® filter in the most effective way. We suggest you go through this manual carefully before beginning to use the TivaWater® filter.

If you have any questions, please feel free to call one of our customer service representatives and we will be happy to assist you. It's always a pleasure to hear from you.

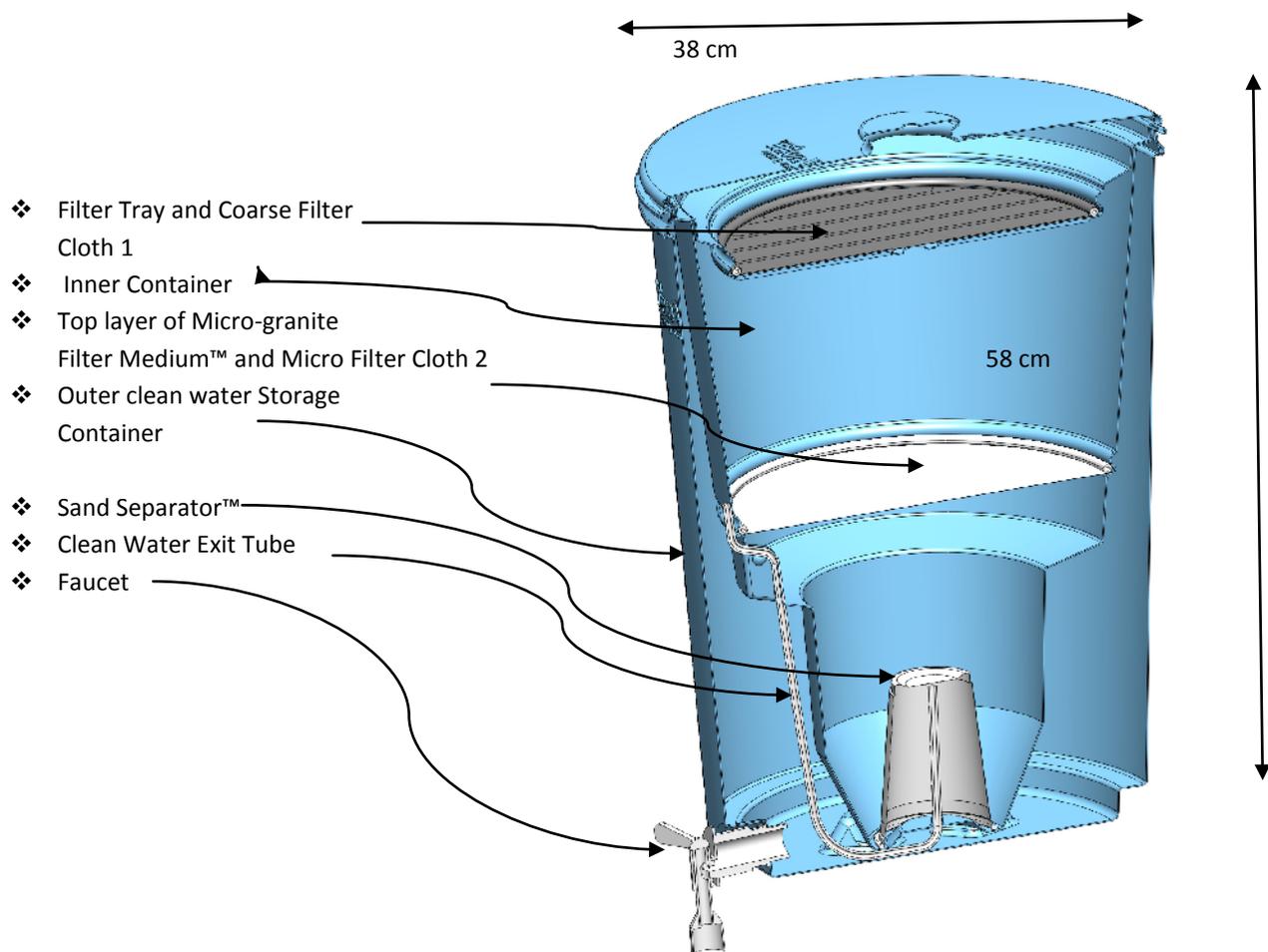
[www.TivaWater.com](http://www.TivaWater.com)



## Important Instructions (V.1.0)

- 1) Keep the storage container and faucet clean. You should wash them every two weeks.
- 2) **Coarse Filter Cloth 1** and **Micro Filter Cloth 2** should be washed or replaced on a regular basis depending on the amount of sediment in your water source.
- 3) Do not use sharp objects like a knife or fork to clean any part of your TivaWater® filter.
- 4) Handle your TivaWater® filter with care.
- 5) Post filtering chlorination provides safe water during the period of time (10 days) it takes for the biological layer to form. Even without such chlorination, the filter significantly improves water quality.
- 6) The TivaWater® is made of unbreakable food grade plastic. However, care should be taken to ensure that it is never dropped, tilted, or smashed against a hard surface. Also, do not drag the filter across the floor.

## Knowing your TivaWater® filter



## Knowing your TivaWater® Filter

Your TivaWater® Filter includes:

- A) Storage Containers:
  - Inner container – up to 20 liters capacity
  - Outer storage container – up to 20 liters capacity
- B) Purification System:
  - Coarse Filter Cloth 1 and Micro Filter Cloth 2: Micro-mesh cloths that remove the smallest visible impurities and make water clean & clear.
  - TivaWater® Micro-granite Filter Medium™: At the heart of the TivaWater® Filter lies the Micro-granite Filter Medium™ which has a purification capacity of thousands of liters. It contains laboratory tested particles that kill harmful organisms. The Micro-granite Filter Medium™ is designed to purify thousands of liters of water, but its life may vary depending on the quality of water input. If the water flow stops, the Micro-granite Filter Medium™ can be replaced for a small fee by contacting your local TivaWater office or Official TivaWater Distributor.

## How to assemble your TivaWater® Filter

In most cases a certified TivaWater technician will deliver and install your TivaWater® Filter. Below is a detailed explanation of the assembly process.

### *TivaWater® Filter Components:*

Inner Container	Outer Storage Container	9 KG of Micro-granite Filter Medium™	Lid hook
Coarse Filter Cloth 1	Micro Filter Cloth 2	Filter Plastic Tube (2)	Clean Water Exit Tube (50 Cm)
Faucet, nut, washers and mouth piece cover	Stiffener Wire and the Stiffener Paper Template	Sand Separator™	

## Outer Storage Container Assembly

- Step 1:** Gently push faucet into the hole of the Outer Container.
- Step 2:** Firmly tighten the back nut and washer(s) onto the faucet inside the Outer Container.
- Step 3:** Push the mouth piece cover onto the end of the faucet firmly by hand.

## Inner Container Assembly

- Step 1:** Snap the hook onto the lip of the Inner Container.
- Step 2:** Push the exit tubing thru the bottom hole of the inner container from the outside to the required height (about 7.5 cm) on the inside using the exit tubing Height Fixture.
- Step 3:** Push the Stiffener Wire into the other end of the Exit Tubing such that it is flush with the end of the Exit Tubing.
- Step 4:** Bend the Stiffener Wire per the Stiffener Paper Template.
- Step 5:** Push the Exit Tubing with the Stiffener Wire into the Inner Container Wall Lock.
- Step 6:** Clean the outside of the Inner Container and the inside of the Outer Container.
- Step 7:** Place the Inner Container inside the Outer Container. **Align the Exit Tubing and the Faucet.**
- Step 8:** Place the Sand Separator™ upside down in the bottom of the Inner Container making sure that the Exit Tubing is inside (about 7.5 cm) the Sand Separator™.

## Micro-granite Filter Medium™ Assembly

**Step 1:** While holding the Sand Separator™ in place, carefully pour 9 KG of Micro-granite Filter Medium™ into the Inner Container.

**Step 2:** Smooth out the Micro-granite Filter Medium™ level with the bottom of the circular groove.

**Step 3:** Remove any Micro-granite Filter Medium™ away from inside the circular groove.

**Step 4:** Place the white Micro Filter Cloth 2 on top of the Micro-granite Filter Medium™.

**Step 5:** Push a Filter Retainer Tube over the Filter Cloth 2 and into the circular groove of the Inner Container so that the Micro Filter Cloth 2 is locked in place. It is best to push the ends of the Filter Retainer Tube into the circular groove first and then slowly work the rest of the Filter Retainer Tube into the circular groove.

## Filter Tray Assembly

**Step 1:** Place the Coarse Filter Cloth 1 in the bottom of the Filter Tray.

**Step 2:** Push Filter Retainer Tube into the circular groove of the Filter Tray so that the Coarse Filter Cloth 1 is held in place in the bottom of the Filter Tray. It is best to push the ends of the Filter Retainer Tube into the circular groove first and then slowly work the rest of the Filter Retainer Tube into the circular groove.

**Step 3:** Place the Filter Tray on top of the Inner Container.

**Step 4:** Place the Lid on top of the Filter Tray.

## Post delivery – before regular usage

Before using for the first time, fill the upper container with 20 liters of water. In about 8 to 10 hours, the entire water would have passed from the inner to the outer container through both Filter Cloths and the Micro-granite Filter Medium™. Empty out all the water from the lower container and repeat until water is clear. This will rinse out any dust in the Micro-granite Filter Medium™. Your TivaWater® Filter is now ready for use.

**IMPORTANT: You must add water to the filter on a daily basis so that you will always have a safe supply of drinking water. Always keep the water level above the Micro-granite Filter Medium™.**

**Cleaning the Water Filter**      <http://www.youtube.com/watch?v=rYaAYqP1phU>

### ➤ Cleaning the Clean Water Storage Receptacle

It is most important that the Outer Storage Container is cleaned and dried well before. The water in the Outer Container is not retreated so it is important it does not become contaminated here. If any bacteria or algae get into the Outer Container it can become very contaminated– it is warm and wet inside, which creates an environment that grows lots of bacteria and algae.

The inside of the Outer Storage Container, and the plastic faucet should be cleaned with a brush or firm clean cloth and soapy filtered (or boiled) water every two weeks. Once cleaned, the Outer Container should be rinsed with fresh filtered or boiled water to remove the soap. Do not touch the inside of the Storage Container or faucet opening with dirty hands! Also, wash hands before cleaning the filter.

After cleaning, the plastic receptacle should be air dried. When it is completely dry, any remaining water borne bacteria and pathogens will die.

### ➤ Cleaning and replacing the Filter Cloth

Clean the Filter Cloths as often as necessary to release the dirt and dust trapped on the filter cloth and to prevent the flow rate from dropping too low. To clean, simply hold them under water and use a soft brush to clean. The Filter Cloth should not be exposed to soapy water because it is hard to rinse off and may make the water taste bad. In case the Filter Cloths get too dirty, you may replace them for just a few shillings. Contact your TivaWater® representative or Official TivaWater Distributor for help.