

2019

Easy Filter Proposal



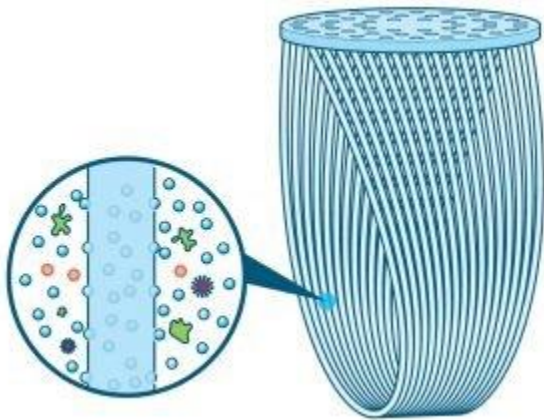
Easy Filter Proposal

Gcinumzi Group

1/1/2019

About the whole Easy Filtration System

Hollow Fiber Membrane Technology



With the technology derived from kidney dialysis, we partnered with a fiber manufacturer to actually improve the hollow fiber membrane technology. In order to improve both the filtration rates and longevity of the filter. To make it a superior solution, the fiber composition had to deliver exactly 0.1 & 0.02 micron filtration 100% of the time to ensure no bacteria would get through. Moreover, the membranes had to be sturdy enough to withstand backwashing which allows the filter to be cleaned and reused.

Our proprietary water filters are comprised of tiny “U” shaped micro-tubes that allow water to enter into their core through minuscule micro-pores. Contaminates get trapped in the tubes while the decontaminated water passes freely through. The high number of those tiny tubes and their significant surface area allow the filter to have one of the fastest flow rates available in the world. This high flow rate makes our filters easily utilized as point-of-use solutions, which has eliminated the need to store water – one of the leading causes of contaminated water throughout the world.

0.1 and 0.02 Microns

Each filter is certified for ABSOLUTE microns; that means there is no pore size larger than 0.1 or 0.02 micron in size. This makes it **impossible** for harmful bacteria, protozoa, or cysts like E. coli, Giardia, Vibrio cholerae and Salmonella typhi (which cause Cholera and Typhoid) to pass through the PointONE™ biological filter. At 7 log (99.99999%) the filter attains the highest level of filtration available today.

If viruses are an issue, we offer the Point ZeroTWO Purifier (0.02 micron absolute pores). This is the first and thus far only portable purification device to physically remove viruses. And it does it at a >5.5 log (99.9997%) rate, exceeding EPA(www.epa.gov) and NSF(www.nsf.org) recommendations.

water filters are being used by millions of people in over 80 developing countries for their daily clean water needs. Our simple to use, effective and easily transportable systems are the most commonly used portable filtration system in natural disasters, refugee camps, and by non-profits doing development work.

How It Works and who it works for

NB; There is a video attached to it, nonetheless see pictures below for clarity.



1. Communities without water infrastructures.
2. communities running dirty water through taps
3. Soldiers on Borderlines
4. Soldiers on deployments
5. Communities Consuming water with Animals
6. Communities attacked by floods and hurricanes

And other uses related to access to clean water.

Water for All

Fill the bucket with lake, stream, river, well, borehole, tap, or rain water. To start water flowing, simply lower the filter down below the opening on the bucket and let gravity do the work. You'll be able to filter up to 650liters of fresh, clean water per day. To stop filtering, just hang the filter from the top of the bucket.

Product Features

A Lifetime of Clean Water

The Purifier filtering membranes are sturdy enough to withstand backwashing using the included syringe, restoring up to 98.5% of the filters flow rate.

The filter system can be cleaned and reused almost indefinitely with no expensive cartridges to replace ever. We recommend backwashing and sanitizing the filter after every outing for optimized use. That will maintain its life span capacity of **400 000liters** of filtration.

Water Purifier Bucket Adapter System



Filtering and purifying up to 650liters of clean water per day, the Point ZeroTwo Bucket Purification System is an ideal addition to your emergency preparedness kit for use during disasters such as floods, hurricanes, and earthquakes. It's also great for adventure travel where potable tap and bottled water are not easily carried or safe to drink.

With its 0.02 micron absolute filtration, the Point ZeroTwo goes one step beyond Point ONE filters to remove 99.997% of viruses in addition to 99.99999% of bacteria, 99.9999% of protozoa/cysts, and 100% of microplastics.

This powerful, lightweight Purification System has an output of 1 liter per minute when used as a gravity system with a bucket — no pumping, chemicals, or electricity required.

Includes:

- Hole Cutter
- Point ZeroTWO™ 0.02 Micron Absolute Inline Water Purifier
- Adapter
- Hose
- Filter Cleaner
- Filter Hanger
- Detailed instruction book
- Bucket

Specifications

Removes: Bacteria, protozoa, viruses, and microplastics

Recommended Use: emergency preparedness, storms and hurricanes, Dam water, natural water sources, borderlines, communities without clean water, soldiers on deployment and much more!

Mostly Asked Questions

- [Q:Does the filter remove taste, chemicals and heavy metals from water?](#)

Taste

The filter removes taste that comes from bacteria, dirt, and green matter.

Chemicals

The filter does NOT remove iron, sulfur, other chemicals, or simple compounds. Taste can be masked by using flavor additives like Gatorade or crystal light (filter needs to be cleaned immediately after using them).

Heavy Metals

The filters are not made with charcoal. While other portable filters have charcoal, they lack in amount of media and adequate dwell time. Therefore, they only remove small amounts of heavy metals, pesticides, etc. (when used in real life applications). Try using better sources of water, if possible.

- [Q: Filter Compatibility](#)

The Filter with Water Bottles

The Filter can also be used on water bottles when you are unsure whether or not it is safe to drink the water.

The Inline Filter

This convenient filter can be used as an inline filter on a hydration pack, a pre-filter for an existing pump system, with the provided faucet adapter, or with a gravity bag.

- [Q: How fast should the water come out of my filter?](#)

Flow rates

Flow rates vary depending on how clean the filter is and how well you cleaned the filter. Altitude also affects the flow rates (the higher you go the slower the flow. Also, the PointZEROTWO™ filter flows much slower than the Point ONE.

- [Q: How do I care for my filter during freezing weather?](#)

Before initial wetting

Filter is safe from freezing temperatures if it has never been wetted.

After initial wetting

While there is no definitive way to tell if a filter has been damaged due to freezing, we recommend replacing your filter if you suspect that it has been frozen.

During trips

If you are in freezing temperatures, we recommend that you store your filter in your pocket or close to your person so that your body heat can prevent freezing. THERE IS NO WARRANTY FOR A FROZEN FILTER.

- [Q: Is there anything special I should do the first time I use my Select filter?](#)

Yes. The first time you use your bottle, there may be some loose adsorption material that got knocked loose during packaging and shipping. It is not harmful but if it is not rinsed out it could be enough to slow the flow rate down to the point where the Micro Squeeze filter will need a quick backwash. The residual material also has a remote chance of leaving a metal-lic taste until the Select Foam has been fully rinsed with the initial use instructions below. Please note that this initial rinsing process does not count against the total number of uses.

- **Q: How much is the filter price?**

R1200 for 400000liters life span (+10years)

To avoid this:

1. Fill the bottle up halfway with water, screw on the filter,
2. Squeeze the bottle at least ten times to work the water in and out of the foam. Some of the water will absorb into the foam so take the filter off and then fill the bottle to the max fill line.
3. Reinstall the filter, squeeze the bottle at least ten more times, and then take the filter off.
4. With the filter removed, turn the bottle over and roll up the bottle tightly to force all of the water back out of the foam. You should not need to repeat this initial step. You are now ready to start using your new filter

We hope you were able to find the information you were looking for while browsing our technical proposal. We understand that our products are somewhat unique and use industry-leading technology which can lead to a variety of questions or concerns. Please do not hesitate to reach out to us if you have any additional questions @info@gcinumzigroup.com 0768093083 on [Facebook](#), [Instagram](#), and [Twitter](#). @Gcinumzigroup

PROPOSAL

Our proposal as Gcinumzi Group is quite simple and straight to the point. Since you can see our product explains itself and is a need to most people living with water challenges, soldiers protecting our borderlines and others keeping peace in foreign countries. Not only that but communities that do not have access to clean water but dam, lake, dwells and other natural water sources, causing water borne diseases. We at Gcinumzi Group call upon all private institutions, public institutions, individuals, departments, government and every possible help we can get to raise funds to help communities in need of the Easy Filter. We call upon all Departments especially the SANDF to also look in to purchasing water filters for our heroes on the Borderline and all those deployed in foreign countries. A response to all interested parties would be really appreciated and a formal presentation can always be arranged with Gcinumzi Gro up. Thank you!

