



TULIP SIPHON FLOW



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THE TULIP SIPHON FLOW

SAFE

- Removes >99.999% of bacteria
- Removes >99.999% of protozoan parasites
- Removes 99% of turbidity
- Rigorously lab-tested, both internally and externally



SIMPLE

- Simple in use and maintenance
- Includes backwash system for easy cleaning
- Requires no electrical power or batteries
- Requires no running water or piped water supply
- Purifies over 20 liters of water per hour

AFFORDABLE

- Affordable, high value water filter
- Filter element lasts over 3 years for one family (depending on water quality)
- Affordable replacement filter elements are available

AVAILABLE

- Filters and replacement elements available in local markets amongst the BoP
- Local BWN agents present in more than 30 countries worldwide
- A network of sub-agents who can arrange local distribution

BASIC WATER NEEDS

BWN products are simple, affordable and widely available. BWN works through its own network in many parts of the world, making sure that people have access to safe drinking water products.

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**Filters
over 20 liters
per hour**

**SAFE WATER
GOOD LIFE**



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GOOD LIFE**

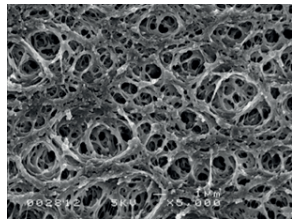


**SAFE WATER
GOOD LIFE**



SAFE DRINKING WATER SOLUTIONS

At Basic Water Needs we strive toward achieving safe drinking water in every house. In order to accomplish this, we offer safe and durable water products that are simple to use and last for thousands of liters. Our Tulip Flow gravity based water filtration technology is specifically developed by Basic Water Needs to offer safe drinking water in the quickest possible way, given an off the grid situation.

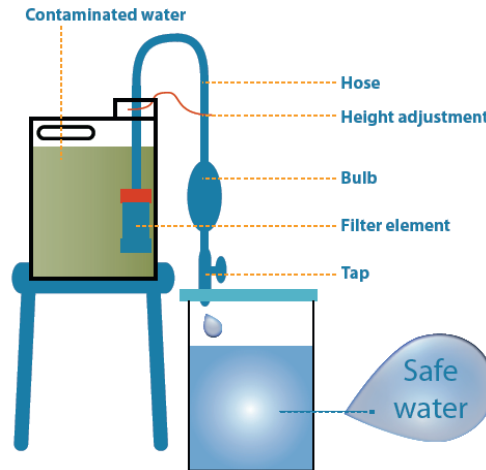


TULIP FLOW WATER FILTER TECHNOLOGY

The Tulip Flow filter is based on a micro membrane filtration technology. An advantage of this technology is the relatively large surface area, when compared to ceramic filters. This results in a very high flow rate. Furthermore, this technology is extremely durable. Combined with the simple backwash cleaning system, the Tulip Flow technology can last for over 3 years for one family.

HOW THE WATER FILTER WORKS

- The filter element is placed in a container or jerrycan with contaminated water, situated about 70 cm above the clean water container.
- The filter is started by squeezing the rubber bulb.
- The siphon pressure forces the water through the filter element, ensuring a high flow of filtered water.



MAINTENANCE OF THE WATER FILTER

- After some time, the flow rate will reduce because of clogging of the filter element.
- In this case, the filter can be cleaned by backwashing. This is done by closing the tap and squeezing the rubber bulb, which forces the water back through the filter element, pushing dirt particles out and unclogging the filter. Repeat this a few times.

THE TULIP SIPHON FLOW FILTER

The Tulip Siphon FLOW water filter is a portable water purifier that is easy to use and store. It purifies over 20 liters of water per hour.

The filter can be used in emergency situations as well as for daily usage.

It has a unique backwash function making sure that the filter stays clean and fit for purification and has a fast flow rate. The Tulip Siphon FLOW lasts up to 3 years for one family, after which the filter can be easily replaced.

Ideal for: emergency situations, households

