

## AQUA **Logic** Tap-C-Ultra drinking water filter

### **Introduction**

The AQUA **Logic** drinking water filters are developed by Innologic bv, a technical research company as commissioned by the IBOTA Foundation.

The main objective of IBOTA Foundation is to provide drinking (family scale) water filters for situations where clean and safe drinking water is not available.

Parts of these water filters are produced by Innologic-India in a project that improves the living conditions of the underprivileged in Kolkata - India.

By purchasing this water filter you are contributing to this project.

The AQUA **Logic Tap-C-Ultra** is developed to provide safe drinking water for household use in situations where there is no safe drinking water supply available. It is also recommended for aid- and development workers in countries or situations where the regular water supply is not sufficient as drinking water.



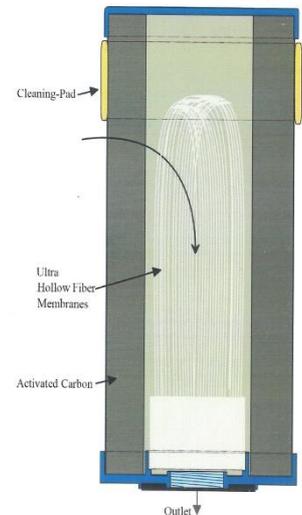
### **Preparation**

Please read the complete user manual before putting this filter to use.

First of all the 'final date of use' must be indicated (with a waterproof marker pen) on the enclosed date-sticker and placed visible on the filter housing. This date must point out month and year, ONE YEAR after the filter is first used. This is important because within one year the filter cartridge should be replaced!

The 'intake-valve' can easily be connected to your tap by removing of the existing outlet-spout. When the connection does not fit, use the enclosed adaptor-ring. Be sure that the rubber ring is correctly placed in the connection-ring. By using the integrated intake-valve, you can switch from tap-water to filtered water.

By using a new filter, it should be flushed some time before using the water for consumption. The filter is now ready for use.



### **Filter characteristics**

The filter medium consists of a organic Activated-Carbon, combined with Hollow Fibre Ultra Membranes.

The Activated-Carbon is made out of Coconut shell which has a consisting micro pore size with a very high adsorption capacity. This adsorbs bad taste, odour and colour as well as chloride and other chemicals. Apart from that the water flows through the Hollow Fibre Membranes with a pore size of 0.03 micron. This catches micro-organisms like bacteria (E-coli reduction > 99.9999 %).

This filter functions without additional chemicals and has been made from maintenance free and non-corrosive parts.

A build-in 'Cleaning-Pad' makes it possible to clean the filter surface in an easy way.

### **Cleaning the filter**

Depending on the extent of pollution of the water source, the filter surface can gradually clog up and will reduce the water flow. In that case the filter can be cleaned by performing the following steps:

1. Open the filter housing by aid of the enclosed 'spanner'.
2. The filter surface can carefully be brushed clean by aid of the build-in 'Cleaning-Pad'. Move the Cleaning-Pad up and down and in a spinning way (with your full hand), while washing off the dirt.
3. Put the filter housing back together (be sure the black ring is clean and in the right position!) and close the filter housing tightly.
4. Discard the first litres of filtered water, prior to consumption!

Every year the filter cartridge should be replaced. Check the "final date of use" on the date sticker regularly!

When the filter has not been used for some time it is advised to discard the first litres of filtered water prior to consumption.

In a tropical climate it is advised to filter the water shortly before it is drunk.

### **Finally**

Caution is advised in using in using this filter since you are dealing with the safety of drinking water!

**Caution:** Be aware that a drinking water filter never gives 'absolute filtration', but reduces contaminations to an acceptable level.

Innologic bv cannot be held responsible in any way for problems caused by improper use of this filter.

For assistance or supply of parts, please contact:

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