

AQUALogic Tap - C-Ultra Drinking Water Filter User Manual

Introduction

The AQUA Logic drinking water filters are developed by Innologic B.V. as commissioned by the IBOTA Foundation (www.ibota.org).

IBOTA Foundation aims to provide filters for drinking water treatment in disaster areas and other situations where clean and safe drinking water is not available. Components of these drinking water filters are being produced in India as project for underprivileged young people. Your purchase contributes to this project.

The **AQUA Logic Tab - C-Ultra** has been developed to provide safe drinking water for household use, in situations where the regular drinking water supply cannot be trusted. With the switch tap adapter you can choose between water directly from the tap or filtered water from the water filter.

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

Filter characteristics

2in1: C-Ultra Filter Element:

1. **Activated carbon cylinder with a pore size of 1 micron.**
The activated carbon consists of 100% organic material (coconut shell) and has a very high adsorption capacity. Activated carbon adsorbs odor, color and taste, metals such as lead, as well as yeasts, chlorine, medicine residue and other chemicals.
2. **Ultrafiltration membranes with a pore size of 0.03 micron.**
Filters: Pathogenic organisms: Log 6 bacterial reduction: >99.9999% (including Cholera, Shigella, Typhus, Klebsiella Terrigena, Legionella and e. Coli) and Cysts / Protozoa (including Giardia and Cryptosporidium)
Micro- and Nano plastics from a size of 0.03 microns (30 nanometers)

This single filter is capable of producing safe and clean drinking water of high quality. The filter works without the addition of chemicals and is made up of maintenance-free and corrosion-free parts.

Preparation and instalment

1. **Date Sticker:** Affix the supplied date sticker with the recommended replacement date for the filter element visibly onto the water filter. The recommended lifespan for continuous use is 1 year, after which the filter element must be replaced.
 - Note: The actual lifespan of the filter element depends on the level of contamination in the water. As long as water flows from the filter and the water filter is used as described in this manual, the filtered water is safe to drink thanks to the ultrafiltration membranes.
2. **Filter Installation:** Unscrew the aerator (flow restrictor) from your tap. Then, firmly screw the water filter's tap adapter onto your tap. If necessary, use the provided adapter ring. Depending on your tap, you can also use the sealing ring from the tap adapter, the adapter ring, or the aerator from your own tap.
 - For taps without threading, the separately available rubber tap adapter can be used.
3. **Water Filtering:** Once the tap is open, pull out the lever on the tap adapter to allow water to flow through the filter. When you turn off the tap, the lever will automatically spring back.
 - This water filter is intended for cold water use only. Accidental use with warm water will not damage the filter. However, regular or prolonged use with warm water may potentially damage the water filter cartridge.
4. **Air Purge:** Hold the filter upside down while it fills with water (with the lever pulled out). This allows any trapped air to escape from the filter.
5. **Flush Before Use:** Flush a new filter element with 3 to 4 liters of water first. After this, the filtered water is suitable for consumption.

Cleaning the filter

When the flow rate decreases, the filter element can be easily cleaned:

1. Unscrew the filter housing (counterclockwise). You can use the supplied tensioner for this.
2. Using the integrated Cleaning Pad, the filter surface of the activated carbon cylinder can be sanded clean. Then rinse the filter element with water.
3. Make sure that the rubber sealing ring is correctly positioned and clean when closing the filter housing. Then close the filter housing by tightening it firmly.



Caution! Water filters never perform 'absolute filtration' for all pollutions. It reduces pollutions and contaminations to an acceptable level. Innologic BV can never be held responsible in any way for problems resulting from (improper) use of this water filter.