

AQUALogic Siphon-C-Ultra drinking water filter

Technical description

Introduction



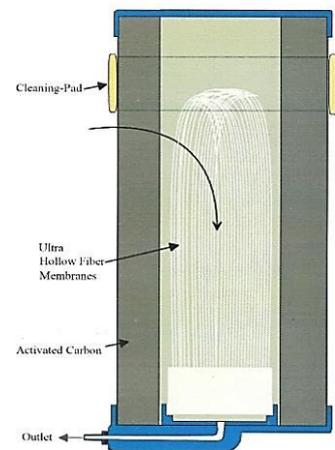
The **AQUA Logic Siphon-C-Ultra** is the simplest concept of a drinking water filter ever developed. It can provide safe and clean drinking water in situations where there is no regular drinking water supply available.

Although this filter can clean surface water, priority is to look for the most clean water source that is locally available. In case of surface water, it is recommended to pre-filter dirty water through some layers of cloth prior to filtration through the Ultra-Siphon filter. This will protect the filter from clogging up by clay particles or any other sediment.

Filter characteristics

This filter consists of Activated-Carbon medium, combined with an assembly hollow-fibre Ultra-filtration membranes. The Activated-Carbon adsorbs bad taste, odour and colour as well as chlorine and other chemicals. The integrated Ultra-filtration membranes filters out micro-organisms like bacteria (E-coli reduction > 99,9999 %). The filter is equipped with a sediment filter-sleeve of double-fleece cloth, which removes all visible dirt and therefore keeps the inner filter clean.

The filter functions without additional chemicals and has been made from maintenance free and non-corrosive parts. This filter can easily be cleaned by washing out the filter-sleeve and by aid of an integrated Cleaning-Pad. A (new) filter has a capacity of 10 to 20 litres per hour (depending on the height of the raw water container) .



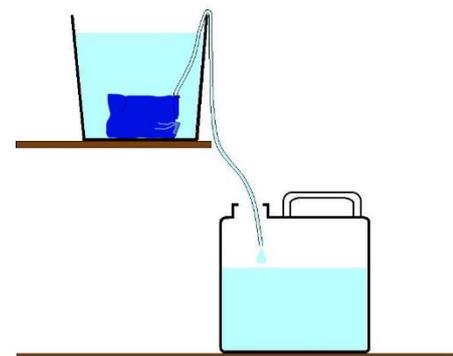
How does the filter work

The outlet hose can easily be attached to the filter with the attached screw-nut.

The raw water container (bucket) need to be placed at level of about one meter.

By sucking the water into the outlet hose the water will siphoning out of the raw water container by gravitation. The filtered water can than flow into a clean pot or bottle. By aid of the attached clamp at the end of the hose, the water flow can be stopped.

Depending on the extent of pollution of the raw water, the filter can gradually clog up as the outflow decreases. In that case the filter can easily be cleaned by washing the filter-sleeve and the filter surface can be scrubbed clean by aid of the integrated Cleaning-Pad.



For assistance or supply of filters, please contact your agent or **Innologic bv, the Netherlands**:

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