

FREQUENTLY ASKED QUESTIONS ABOUT CT FILTRON

1. HOW MUCH DOES FILTRON COST?

Recommended retail price for the complete filter with plastic receptacle should not exceed GH¢30.00. Good drinking water is guaranteed for 3 years. Call for dealership details.

2. HOW LONG DOES THE FILTER LAST?

It depends on the turbidity of source water and the required frequency of cleaning. If monthly cleaning is enough the filter should last up to 3 years.

It can be cleaned by simple scrub brush and rinsing. No soap on the clay pot.

3. DOES FILTRON HAVE A PROVEN TRACK RECORD?

There are over 5,000,000 satisfied users worldwide. Epidemiological studies show a drastic reduction in water-borne diseases.

The Filtron has won the World Bank Sponsored GDMPI Innovation award at local and international levels.

4. WHERE ELSE IS FILTRON BEING PRODUCED?

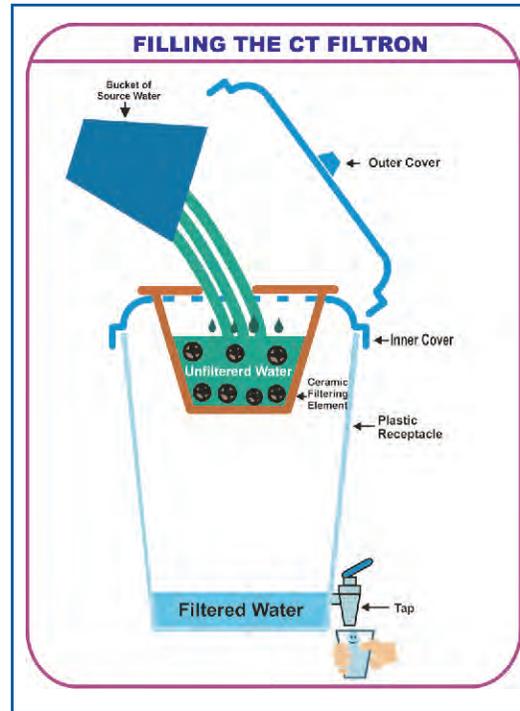
Filtron is presently being produced in Ghana, Nicaragua, Cambodia, Mexico, Guatemala, Haiti, Cuba and Honduras. New factories are projected for the rest of Africa, the US and Britain.

5. DISTRIBUTOR WANTED IN EVERY DISTRICT IN GHANA.

Call 024 480 4040 for details.

For more information on the CT Filtron visit:
www.ceramicatamakloe.com

Below is an illustrative diagram of the CT Filtron.



CT FILTRON is produced in Ghana by **Ceramica Tamakloe Ltd.** In association with Potters for Peace (US NGO), Practica Foundation (Holland), The Sheepdrove Trust (UK) and The World Bank.

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SAFE WATER for everyone NOW!

CT
Enhancing Nature Naturally

GUARANTEE
QUALITY OF WATER IS
GUARANTEED FOR **3 yrs**
WITH PROPER HYGIENIC
HANDLING OF FILTER

Filtron

Please contact us on :
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Website: www.ceramicatamakloe.com

Drink your own safe water

The Challenge

Being one of the main killers of children under five years of age, diarrhoea is caused by the presence of bacteria in water. The great challenge is to fight diarrhoea, Guinea Worm and other intestinal diseases.

The Ghanaian Situation.

About half of the population has potable (drinkable) water in rural Ghana. Thus, the lack of safe water for the other 50% remains one of the major causes of death among young children. Guinea Worm is another disease caused by bacteria infestation.

If your family is presently drinking water from a stream, river or a well, your children may be at great risk. With your bare eyes you cannot see whether or not water is contaminated; even crystal clear water may be contaminated. If you are not sure of the water you drink, you should be most interested in knowing more about the low-cost water filter that helps prevent stomach and other intestinal diseases.

The filter is a better alternative to boiling, chlorinating or using iodine to treat water.

CT FILTRON removes dirt, odours and turbidity out of (contaminated) water. But even more important, it removes the dangerous bacteria that causes diarrhoea, cholera, guinea worm and other diseases. These bacteria are so small that you cannot see them with your eyes except with a special microscope.

The Technology

The filtering element is made from porous clay that once fired permits water to pass through but not dirt and the harmful bacteria.

The ceramic filtering element is also treated with colloidal silver, a bacterio-static ingredient that acts like a magnet on the bacteria, removing them from the water.

The filter has the capacity to meet the daily drinking water needs of a family of 6 people or even 8; it filters water at the rate of 1½ to 3 litres per hour.

Comparison.

It is low-cost. In Ghana, water sold in sachets costs 0.10 pesewas per litre. Assuming the filtron gives you just 12 litres of water daily, the cost of filter is paid for in less than a month. You are therefore saving money for the 3 years that the filter will last.

To be most effective, the use of the filter should go hand in hand with good hygienic behaviour of the whole family; lack of hygienic behaviour may undo the positive effects of the filter. For example, a dirty cup or bottle will contaminate the just filtered water. It is recommended that the filter be kept in a cool place away from direct sunlight.



CT Filtron is presently utilized by several individuals, institutions and organizations among which are:

- UNICEF
- World Vision International
- International Needs Ghana
- Ridge Church School
- Pure Home Water - Tamale
- Bishop Bowers School
- Dangme West District Assembly
- Adventist Relief Agencies (ADRA)
- University of Ghana Medical School
- Deoagio Foundation (owners of Guinness)
- Ghana Broadcasting Corporation, Tamale Office
- Ghana Registered Midwives Association, Tamale
- Techiman Government Hospital
- Staff of National Investment Bank, Adenta

The CT Filtron was tested alongside other filters; including imported ones and it is only the CT Filtron that has 100% bacteria removal. But don't take our word for it, test it yourself in any well equipped lab. The Ghana Water Company Lab also attests to its effectiveness in quality water delivery. It has been widely publicized by CNN.

CT Filtron purifies water from: Guinea Worm, Cholera, E.Coli and all the bacteria listed in the table below:

Extracts of test results from the Water Research Institute of the CSIR.

| Parameter | FILTRON filtered wastewater | unfiltered wastewater |
|--|-----------------------------|-----------------------|
| Total coliform count per 100ml | 0 | 36800 |
| Faecal coliform count per 100ml | 0 | 33400 |
| <i>Escherichia coli</i> count per 100ml | 0 | 26000 |
| <i>Salmonella coli</i> count per 100ml | 0 | 2180 |
| <i>Pseudomonas spp.</i> count per 100ml | 0 | 1130 |
| <i>Clostridium spp.</i> count per ml | 0 | 590 |
| <i>Vibrio cholerae</i> count per 100ml | 0 | 0 |
| Total heterotrophic bacteria count per 1ml | 0 | 1240 |

Recommendation:

"The ceramic colloidal silver filter, Filtron qualifies to be used in filtering water for drinking. They are suitable to be used in removing pathogenic bacteria from drinking water."

Source: Water Research Institute Test Report 23rd October, 2003.

Extracts of test results from Dept. Of Microbiology, University of Ghana Medical School.

| Parameter | No. of organisms / Artifacts | |
|--|------------------------------|-----------------------|
| | FILTRON filtered riverwater | unfiltered riverwater |
| <i>Cryptosporidium ssp.</i> per 100ml | 0 | 0 |
| <i>Cyclospora ssp.</i> per 100ml | 0 | 0 |
| <i>Giardia lamblia</i> per 100ml | 0 | 0 |
| <i>Entamoeba ssp.</i> per 100ml | 0 | 20 |
| <i>Microsporidia ssp.</i> per 100ml | 0 | 108 |
| <i>Sarcocystis ssp.</i> per 100ml | 0 | 24 |
| Fungal hyphae per 100ml | 0 | 32 |
| Free living ciliates (non pathogenic) per 100ml | 0 | 5 |
| Free living ratiifers / cyclpos (non pathogenic) per 100ml | 0 | 20 |
| Artifacts / debris per 100ml | 0 | 78 |
| Crystals per 100ml | 0 | 15 |
| Particles per 100ml | 20 | 1000 |
| Turbidity | Clear | turbid |

"...The results indicate that the CT Filtron is effective in removal of pathogenic parasitic protozoa, other macroscopic organisms and debris from water ..."

Source: Dept. of Microbiology, University of Ghana Medical School.