

SWACHCHHA FILTER COLLOIDAL SILVER CANDLE

FOOD GRADE PLASTIC BUCKET



Swachchha Filter is a simple and portable household water filter that use ceramic candles coated with colloidal silver (CS). This filter is similar to a conventional ceramic filter, but as it is coated with colloidal silver, it not only removes turbidity but also effectively removes pathogens from water.

To Order

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Functionality

Swachchha Filter uses physical treatment without requiring an external energy. The CS candle is made of porous ceramic materials, similar to traditional ceramic filters, and colloidal silver is integrated to enhance the inactivation of pathogens.



Components and Operation

Swachchha Filter Candle is made using locally available material. The filter set comprises two containers. The upper unit holds a ceramic candle coated with colloidal silver. The lower unit stores the treated water. The water collected through this process is drinkable and pathogen free.



Installation and Use

The filter should be properly cleaned with a soft brush before installation. After installation, fill the upper bucket with water. Discard the water filtered for the first time immediately after installation, as it could contain residue from clay. Refill the bucket, and now the filtered water is ready to drink.



Quality Assurance

For quality assurance, the flow rate for each candle is monitored and the microbial activity is assessed in batches for quality assurance purposes.



Benefits

Swachchha Filter effectively removes pathogens and turbidity from drinking water. It can filter 2-6 liters of water in an hour. It is very easy and convenient to use. It is light and can be shifted from one place to another.



Precautions

Candles should not be exposed to direct sunlight and washed with soap or any other chemical. Do not clean candles with boiling water.



Things to Remember

Always clean the filter with a soft toothbrush from time to time. Do not touch the hole of the filter tap with dirty hands. If the water looks highly turbid, first let it settle, then filter it.