



Aquafilters

Safe drinking water

The needs of India are unique. Nowhere else in the world does population growth and poverty play such a large role in affecting water resources. This reflects the importance of providing for basic human needs to ensure that the livelihoods of all can be improved. In the case of rural India, poverty and reduced access to safe water has limited the ability of the poor to improve their situation, which has only served to perpetuate the poverty cycle, especially amongst women.

The Safe Water Trust (based in the U.K.) has pioneered Aquafilters which have been developed to provide safe drinking water for families and communities in developing countries. The Aquafilters make biologically contaminated water from wells, rivers, lakes, stored water or pipes, safe to drink at the point of use.

The Aquafilters are ideally suited in rural areas where the supply of electricity is at best sporadic, as they are operated by hand pumping and do not require any electrical supply.

This project aligns well with our goals of assisting to reduce rural poverty and improve the health of the most in need and compliments our rural water supply program, where we have been installing bore wells in South India.

How it works

The Aquafilter is normally clamped onto the side of a bucket. Dirty water is poured into the bucket and when the Aquafilter is pumped, clean water is delivered directly into a drinking cup. It produces safe drinking water on demand at a rate of 1 litre a minute,

Key Features

- They last for years, are self-cleaning and do not need replacement parts
- The water looks clean and tastes clean because no chemicals are added
- They are effective; they remove up to 99.9% of all known bacteria
- They are operated by a hand pump, so do not need a power supply
- They are portable and can be easily delivered to the point of use



Family Aquafilter

Community Aquafilter

AQUAFILTER

Help us to transform more lives

A family Aquafilter (as shown above) costs just £40 and will support a large family and provide them with clean drinking water for many years

A community Aquafilter costs just £280 and can support a school or village with clean drinking water for many years.



"Anyone who can solve the problems of water will be worthy of two Nobel prizes – one for peace and one for science"

John F Kennedy



A local boy showing the process of polluted water after its been treated by an Aquafilter.