

Truly innovative

- Off-grid water purification device
- Hand- or solar powered
- Up to 500 litres of safe drinking water per hour
- Providing up to 400 people with structural water supply or 1.000 people in case of aid relief
- Self-cleaning, low need for maintenance
- Plug-and-play, mobile



Leading solution for off-grid water purification at community level

The VILLAGEPUMP 500 yields up to 500 litres of purified drinking water an hour of a quality that meets WHO standards regarding removing bacteria, viruses and turbidity. The VILLAGEPUMP 500 is a compact water purification system wherever fresh surface water is available, like ponds and streams but also storage systems (e.g. rainwater harvesting). Clean water is directly poured from the pump. Canisters and buckets can be filled in minutes. You will find the VILLAGEPUMP 500 as structural water supply at small communities, schools, camps etc. but also as temporary solution in disaster struck areas. Each VILLAGEPUMP 500 employs multi-stage filtering, reducing diseases by removing waterborne pathogens that can cause diarrhoea, dysentery, cholera and hepatitis.



Made to last

Maintenance of the VILLAGEPUMP 500 has been reduced to the minimum and all maintenance activities can be carried out by low skilled staff. Due to our unique feature of automatic high-pressure back-wash, the lifetime of the precious Ultrafiltration membrane is extended up to several years, resulting in a low total-costs-of-ownership per litre purified water.

Proven Technology

The VILLAGEPUMP 500 has been successfully installed on nearly 500 sites worldwide since 2013. Besides governmental organizations and private companies, you will find renowned NGO's like UNICEF, Solidarités International and BRAC amongst our customers.

Looks Like a Village Pump, Works Like a Village Pump



Smart filtering

Filtering is performed in three stages:

1. A mesh pre-filter removes particles > 80 microns, such as grit.
2. Ultrafiltration membrane removing bacteria, viruses, protozoa and cysts, while allowing vital minerals to pass through.
3. An optionally, built-in activated carbon filter removes colour, odour, taste and mild contamination by chemicals.

Hand-powered:
VILLAGEPUMP 500 Standard

Solar- or grid powered:
VILLAGEPUMP 500 Electrified

