



Innovating Water Purification and Sanitation

Villagepump BV is primarily a development company, aiming to introduce innovative, patented water purification and sanitation products. Through our team of dedicated product and business developers we are continually generating new ideas and producing smart solutions for those who need access to affordable clean water, where this is not commonly available.

Some of our development is executed for third parties, contracting our highly qualified team of experts.

Production/assembly, administration and sales are licensed out to dependable business partners with a proven track record of meeting the highest standards in their field of operations.

If you'd like to learn more about our licensing possibilities, please contact our office or our website at www.villagepump.org.



Villagepump BV
Lisdodelaan 80
1087KA Amsterdam
The Netherlands

info@villagepump.org
www.villagepump.org
+31 20 6200958

Distributor/agent:

Villagepump BV reserves the right to make changes in the technical specifications at any time.



Truly innovative

- Up to 500 litres of pure, clean and cool drinking water per hour
- Water quality meets WHO standards
- No need for an external power source
- Geared to small communities of up to 500 people where fresh surface water is available
- Completely mechanical, self-cleaning (automatic backwash) and mobile
- Modular design with minimal maintenance needs or costs



Leading solution for rural areas without requiring an external power source

The VILLAGEPUMP 500 yields up to 500 litres of fully purified, cool drinking water an hour or over 4 m³ per day, all of a quality that meets WHO standards. Each VILLAGEPUMP 500 employs multi-stage filtering, reducing disease by removing waterborne pathogens that can cause diarrhoea, dysentery, cholera and hepatitis. The units operate from all forms of surface water, including ponds, lakes and streams.

The VILLAGEPUMP 500 is ideal as a compact water treatment system wherever fresh surface water is available. This can also be water storage systems (e.g. rainwater harvesting), wells and boreholes. Pure water is directly poured from the pump. Canisters and buckets can be filled in minutes.

Made to last

Built using proven technology and without any vulnerable electronics, the VILLAGEPUMP 500 is fully mechanical and hand-powered. The mechanical components are assembled in a modular manner, the VILLAGEPUMP 500 is very easy to maintain and exceptionally user-friendly. Moreover, the use of modular components makes assembly easy and production can be contracted out locally, whenever possible. Components that require maintenance and/or periodical replacement are easily disassembled and made of recyclable materials.



References

The VILLAGEPUMP 500 is successfully installed on various sites in Mali, Zambia, India, Suriname, Kenya, Indonesia and Malaysia. Since the installation health conditions of the people using it improved considerably.

Looks Like a Village Pump, Works Like a Village Pump



Smart filtering

Filtering is performed in three stages:

1. A self-flushing suction filter automatically removes particles > 50 microns, such as grit.
2. Ultra filtering: this technology is based on membrane techniques removing bacteria, viruses, protozoa and cysts, while still allowing vital minerals to pass through.
3. An (optionally) built-in long-life activated carbon filter will additionally remove color, odor, taste or mild contamination by chemicals originating from the source water.



VILLAGEPUMP 500 Standard for surface water and storage tanks.



VILLAGEPUMP 500 Well for wells and boreholes up to 30 meters deep.