

Data Sheet **Villagepump 500**

Dimensions	1,73m x 0,50m x 0,62m (h x w x d);
Weight	89 kg
Performance¹	Max 8 l/min
Installation connections (inlet, drain)	1-inch hose connection Maximum suction head: 3 meter
Technology	0,05 mm Mesh Filter Capillary Ultrafiltration Membranes Activated carbon cartridge (optional)
Cleaning	Automatic high-pressure backwash Periodical chlorine dispensing
Biological retention	Viruses > 99.99% (log 4) ² Bacteria > 99.9999% (log 6) ³ Cyst removal > 99.9999% (log 6)
Chemical reduction	Optional: Activated Carbon cartridge reduces chemical residues, including pesticides, endocrine disrupting compounds, medical residues and some heavy metals.
Membrane approvals/compliances	NSF 61 / KIWA
Storage and handling	The Villagepump should be stored dry and protected against freezing. After first use the Villagepump should be operated at regular times (at least once every week). When stored for a longer time, special treatment is needed.
Operating conditions	Ambient temperature min +1°C, max +45°C Feed water temperature min +1 C, max +40°C
Activated Carbon cartridge	20" carbon block, minimal flow 450 L/h

¹ Flow rates and capacity depend on incoming water conditions

² Tested by KIWA water research using MS2 bacteriophages

³ Tested by KIWA water research using Bacillus Spores

Limited warranty: Villagepump BV represents and warrants for the warranty period of one year that its product will be free from substantial defects in material and workmanship. This warranty is subject to exclusions and limitations. For details on warranty and limitation of liability please refer to our warranty sheet.

Disclaimer: The information and data contained in this document are based on our general experience and are believed to be correct. They are given in good faith and are intended to provide a guidance for the selection and use of our products. Since the conditions under which our product may be used are beyond our control, this information does not imply any guarantee of final product performance and we cannot accept any liability with respect to the use of our product. The quality of our product is guaranteed under our conditions of sale. Existing industrial property rights must be observed. Villagepump BV reserves the right to make changes in the technical specifications at any time.

1. Inlet hose
2. Drain (Outlet)
3. Feed Pump
4. Activated Carbon filter
5. 0,05 mm Mesh Filter
6. Backwash buffer
7. Ultrafiltration (UF) membrane
8. Valve
9. Disinfectant dispenser
10. Pump Handle
11. Backwash pressure indicator (manometer)
12. Tap
13. Water Meter (m³)

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