



## Data Sheet Villagepump 500

**Dimensions**  $1,73m \times 0,50m \times 0,62m (h \times w \times d);$ 

Weight 89 kg

Performance<sup>1</sup> Max 8 I/min

Installation connections 1-inch hose connection (inlet, drain) Maximum suctiohead 3 meter

**Technology** 0.05mm Mesh Filter

Capillary Ultrafiltration Membranes Activated carbon cartridge (optional)

Cleaning Automatic high pressure backwash

Periodical chlorine dispensing

> 99.99% (log 4) <sup>2</sup> **Biological retention** Viruses  $> 99.9999\% (log 6)^3$ Bacteria

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

The Villagepump should be stored dry and protected against freezing. After Storage and handling

> 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.

Ambient temperature min +1°C, max +45°C Operating conditions

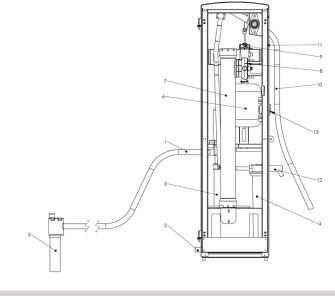
Feed water temperature min +1 C, max +40°C

**Activated Carbon cartridge** 20" carbon block, minimal flow 450 L/h

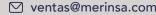
Limited warranty: Villagepump BV represents and warrants for the warranty period of one year that its product will be free from substantial defects in material and workmanship. This warranty is subject to exclusions and limitations. For details on warranty and limitation of liability please refer to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

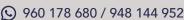
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- 1. Inlet hose
- Drain (Outlet)
- Feed Pump
- Activated Carbon filter
- 0,05 mm Mesh Filter
- 6 Backwash buffer
- Ultrafiltration (UF) membrane
- Valve
- Disinfectant dispenser
- 10. Pump Handle
- 11. Backwash pressure indicator (manometer)
- 13. Water Meter  $(m^3)$











<sup>&</sup>lt;sup>1</sup> Flow rates and capacity depend on incoming water conditions

<sup>&</sup>lt;sup>2</sup> Tested by KIWA water research using MS2 bacteriophages

<sup>&</sup>lt;sup>3</sup> Tested by KIWA water research using Bacillus Spores