

ROOK PIJPLEIDINGBOUW

We are Rook Pijpleidingbouw, a Dutch company established over 55 years ago, we're specialised in the design, production, installation and maintenance of drinking water purification systems. With our filters, tanks, pipes and related steel, stainless steel and PVC components, our installations have been providing people with one of their primary needs: clean drinking water!

TOGETHER WE MAKE WATER WORK!

Safe drinking water – sadly, that isn't a given in many places in the world. War, natural disasters, remote areas in developing countries – many people are forced to cope without this essential resource. Rook Pijpleidingbouw is going to put an end to this dire situation. All thanks to the Rewaterbox, our mobile water purification system that turns surface water from ponds, ditches, rivers, lakes and swamps anywhere in the world into safe drinking water. The system complies with WHO standards.





WATER IS OUR WORLD

We are Water is our World, a nonsubsidised Dutch foundation. For over 30 years, we've been working hard to realise, restore, or improve drinking water and sanitation facilities in remote small villages in developing countries. In order to further realise our goals, we decided to partner with the experts of Rook Pijpleidingbouw and offer our expertise.

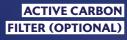


10 STEPS TO EXPLAIN WATER TOWER **BUFFER TANK** Collects water Drinking water is stored HOW IT WORKS INSIDE THE BOX! and lets measured for consumption volumes of raw water flow into a feeding tank 1 SHEET TANK · Direct current runs MEMBRANE TANK through the steel SETTLING TANK UV-LAMP sheets - Water is pumped - The flakes settle as - Provides - The steel sheets through a ceramic dissolve over time sediment in the tank membrane additional - A minimal amount Water is purified by - Polluting substances security for and dissolved iron of chlorine prevents killing bacteria removing floating clump into flakes biomass formation particles, bacteria and and viruses FEEDING TANK - Treated water Water without viruses Extends the containing flakes flows flakes flows into a storage life of Feedwater flows Clean water passes a into a settling tank membrane tank UV lamp the water into a sheet tank UV -

SUBMERSIBLE PUMP

Pumps surface water to a buffer tank at a higher level





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Removes color and taste

BACK WASH TANK

- The membrane is periodically flushed to clean it
 Drinkable water
- flows into the water tower

10 REASONS TO THINK OUTSIDE THE BOX WITH US!



It took water experts 7 years to develop the Rewaterbox. After extensive testing and trails, the result is a sustainable and completely reliable system that purifies surface water 24/7. The Rewaterbox has a lifespan of many years!

EXCELLENT DRINKING WATER YIELD

The Rewaterbox offers a purification capacity of 0.5 m³ per hour and provides clean and safe drinking water to over 1000 people per day. The capacity is modularly expandable.



water or air. All parts fit within one container to locations.

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AKES SURFACE WATER DRINKABL

REPLACEABLE AND EXCHANGEABLE WEAR PARTS

The Rewaterbox comes with replaceable and exchangeable wear parts. Based on 24/7 use, the steel sheets in the sheet tank can be easily and quickly replaced after approximately I month. The ceramic membrane lasts for 4 months and can also be replaced on-site. This allows chemically cleaning elsewhere.



MAINTENANCE-FRIENDLY

The Rewaterbox is easy to maintain. The only maintenance required consists of rinsing the tanks, draining off water, checking the wear on the steel sheets, and checking the submersible pump and buffer tank for polluting elements once a month.

MINIMAL CHEMICAL USE

Thanks to the developed technology with electrical current and steel plates. the Rewaterbox uses only a minimal amount of chlorine by producing surface water into safe drinking water.

LOW EXPLOITATION COSTS

The Rewaterbox is connected to the power grid but consumes very little electricity and optionally, it can even work on solar energy.

ON-SITE SUPPORT

can support the on-site sessions.

CAN BE USED ANYWHERE

The Rewaterbox can be easily transported by road, reach even the most remote



EASY TO INSTALL

The Rewaterbox consists of several separate components, which are easy to assemble into one complete system.

Drinking water companies and our global network partners installation of the Rewaterbox and offer maintenance training



REMOTE EXPERTS

Rook Piipleidinabouw offers its expertise on the Rewaterbox from the Netherlands and can be contacted daily.

LET'S MAKE SURFACE WATER DRINKABLE TOGETHER!

Do you need more information on how it works inside the box or are you convinced to think outside the box with us?

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IN GOES SURFACE WATER THE REWATERBOX DOES ITS WORK

OUT COMES DRINKABLE WATER

'MAKE IT WORK INSIDE THE BOX, BY THINKING OUTSIDE THE BO)

WWW.REWATERBOX.COM