



The Drop2Drink Unit Sustainable Rainwater-based drinking water

We design, manufacture and supply smart water purification systems





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What do we do with our drinking water?

Did you know that Europeans use only 1% of their drinking water for consumption and about 5% for food production? The remaining drinking water is used for other purposes, including flushing toilets, washing cars, and watering gardens.

The solution

With the Drop2Drink Unit, you can use your rainwater completely as 100% microbiologically safe drinking water. Smart filtration and monitoring guarantee quality, and the user can operate entirely on rainwater and self-sufficient if desired.

Sustainable drinking water with rainwater as a source

Globally, water scarcity is one of the most impactful challenges. This problem is only increasing. Waste, climate change, and pollution are among the main causes, increased by global population growth. "D2D Water Solutions offers a solution to help solve this problem: the Drop2Drink unit, a filtersystem that enables water-neutral buildings and high quality safe drinking water."



Scan the QR-code for more information about the Drop2Drink Unit





100% Microbiological safe drinking water

The smart operating system and the quality filter steps guarantee 100% micro-biologically safe drinking water



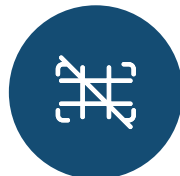
Self-cleaning filter

The unit includes a self-cleaning Ultrafilter which is maintained and checked daily for integrity



WHO Certified

Tested and certified by the WHO



Off-grid solution

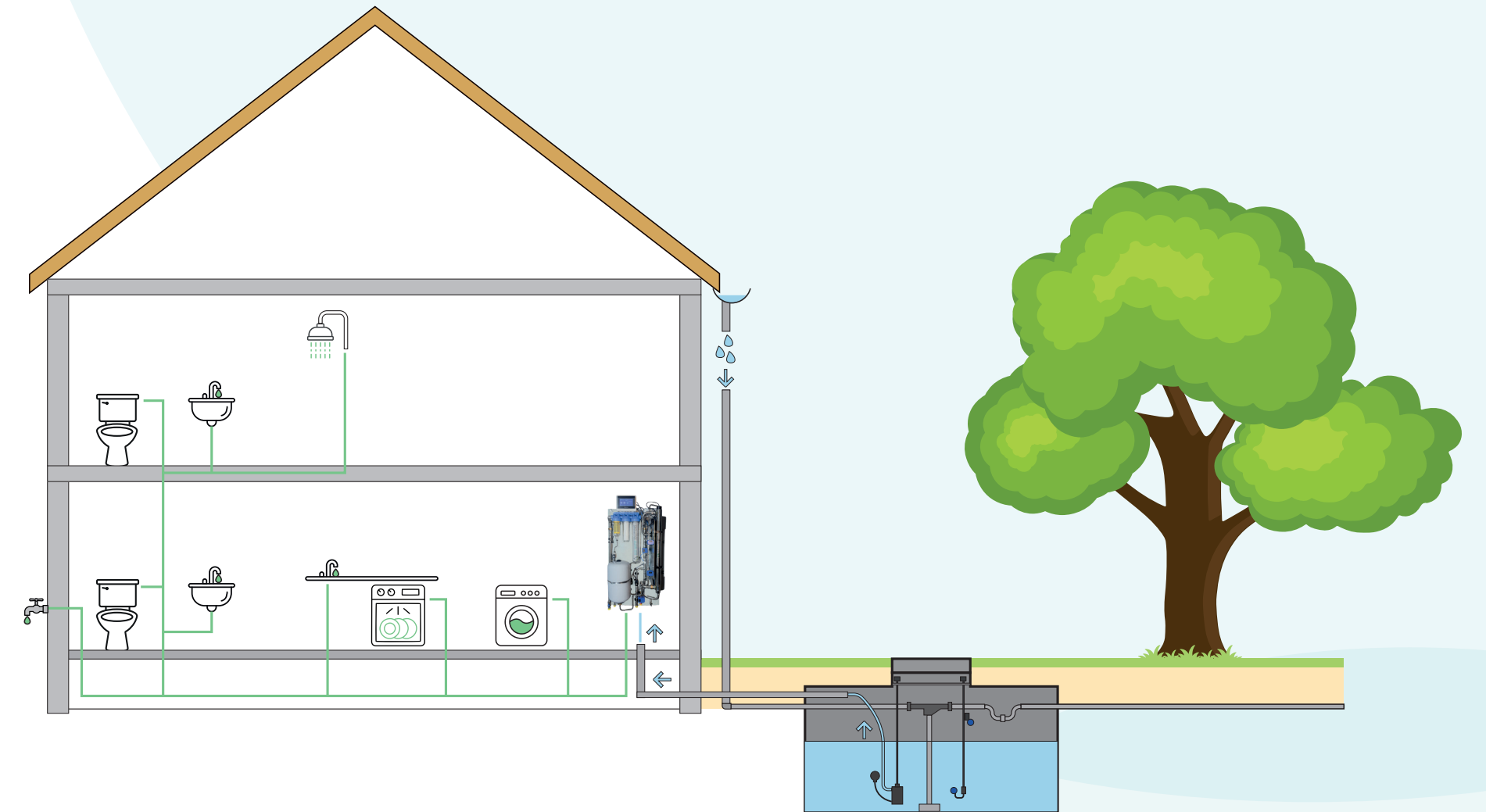
The entire household can work on rainwater



Plug & play

The unit is easy to install and maintain

Complete overview of rainwater installation

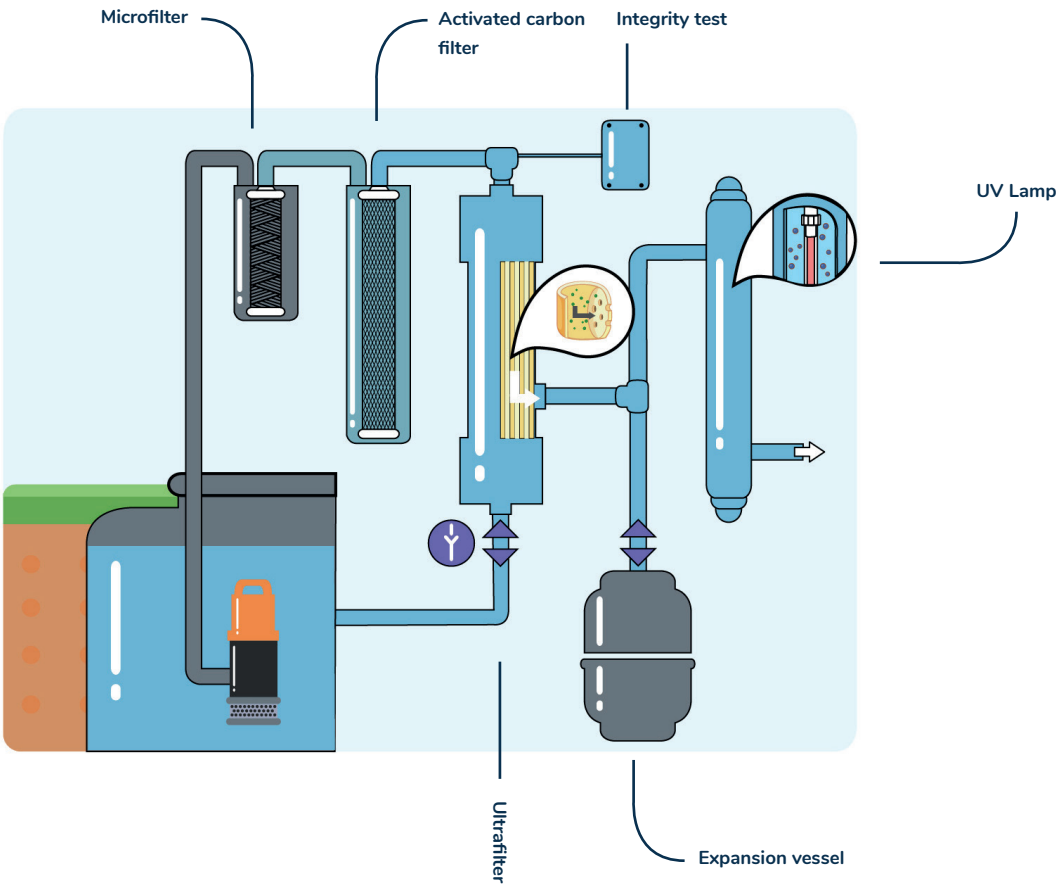




Rainwater filtration

The micro and activated Carbon filters remove dirt particles, odors, colors, flavors, and heavy metals. Afterward, all viruses and bacteria are removed from the water by the self-cleaning UF filter. This is the same filter as is commonly used in Dutch Hospitals as Gatekeeper system. The backup UVC lamp then ensures that water quality is maintained. This complete system is plug-and-play and integrated into the unit.

→ Visit our website for more information



Technical specifications of the Drop2Drink unit

Applications

- > Rainwater
- > Unsafe tap water

Filtration steps

- > Microfiltration: 10 – 25 μ
- > Activated carbon 10 μ
- > Ultrafiltration 0,01 μ
- > UV unit 30W

Built-in safety features

- > Automatic flushing of UF filter; top, bottom, and Permeate water sides.
- > Automatic check of filter membranes for rupture
- > Automatic UV Safeguard

Flow capacity (depending on local water quality)

- > 30l/min (1,8m3/uur)
- > Other capacities on request

Remote system monitoring of:

- > Incoming and outgoing water pressure
- > Flowrate Water consumption
- > Checking for faults

Connections

- > 1" Rainwater inlet
- > 3/4 Flush line outlet automatic pre-filter (sewer (preferred), or tank)
- > 1" Flush Line Outlet Ultrafilter (Return to storage tank (preferred) or sewer)
- > 1" Drinkwater outlet

Communication options

- > Settings and monitoring
- > Internet connection possible
- > USB port possible
- > Internet connection is required (wired OR WiFi)

Monitoring

The Drop2Drink unit can be monitored remotely. The app provides complete visibility into consumption, flow, pressure, settings, and status.

Variants

The Drop2Drink unit is available in several versions, the unit is suitable for connection to all water appliances, such as taps, showers, toilets, dishwashers, washing machines, and garden hoses.

Product name	Variant	EAN	Dimensions (lxwxld)	Weight (KG, net)
Drop2Drink Unit 30L/min V4 Basic Model	Basic	8720892879301	136cm x 68cm x 35cm	52
Drop2Drink Unit 30L/min V4 + Touch Screen	With Touch Screen	8720892879318	136cm x 68cm x 35cm	52
Drop2Drink Unit 30L/min V4 + Casing	With Casing	8720892879325	165cm x 76cm x 42cm	120
Drop2Drink Unit 30L/min V4 + Casing + Touch Screen	With Casing + Touch Screen	8720892879332	165cm x 76cm x 42cm	120
Drop2Drink Unit 30L/min V4 + Casing + Touch Screen + Fresh water tank	With Casing, Touch Screen and fresh water tank	8720892879349	165cm x 76cm x 42cm + external fresh water tank	120



Maintenance and warranty

The Drop2Drink Unit is easy to install and maintain by the user and/or installer. The micro and active carbon filters need to be replaced quarterly; this is usually done by the user. The Ultrafilter is cleaned every 2-4 years by the installer. The Drop2Drink unit has a 2 year guarantee on components and the Ultrafilter comes with a five-year warranty against membrane rupture.



About Drop2Drink

D2D Water Solutions is a Dutch-based company with over 25 years of experience in water management. We specialize in the development, production, and supply of smart filtration systems for (drinking) water. Our systems are exceptionally well-suited for homes not connected to the mains water supply (also known as off-grid), detached houses, apartment complexes, offices, agri-food organizations, commercial buildings, and other types of buildings.

Mission

Providing everyone with direct access to clean drinking water and being as self-sufficient as possible is normal for us. But that doesn't apply to everyone. It's a mission we strive to achieve every day.

Vision

D2D Water Solutions aims to provide rainwater filtration and circular water filtration solutions worldwide, creating sustainable economic, social, and environmental value and alleviating water stress. We achieve this through the development, production, and sale of water purification systems. These systems enable users to produce safe drinking water from rainwater, (unreliable) tap water, or treated household water (greywater).



Do you have any questions? I am happy to assist you!

Jeroen Renders

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