

# ClearFox<sup>®</sup> QuickONE+

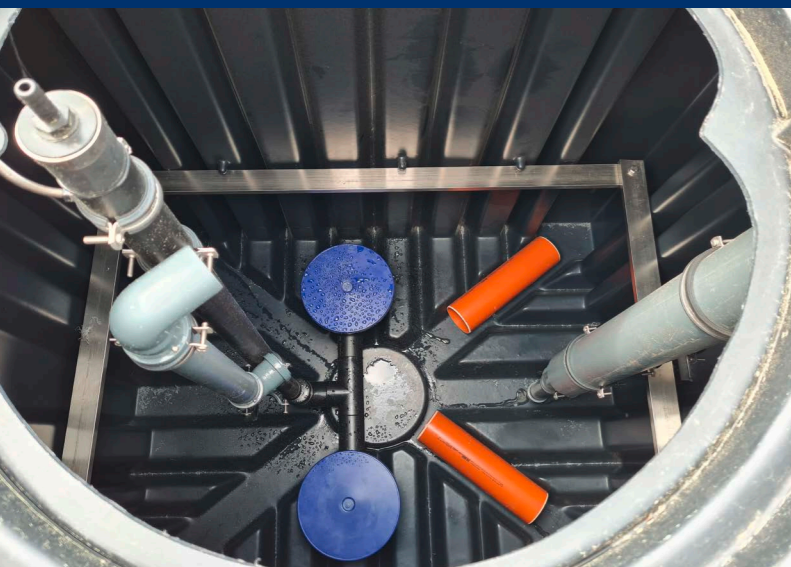
The compact sewage treatment  
plant with SBR technology

[clearfox.com](http://clearfox.com)



ClearFox® QuickONE+ is a biological sewage treatment plant using the SBR process. It is fully pre-assembled in a plastic tank and ready for immediate use. Despite its low power consumption, it achieves outstanding effluent quality.

## Biological sewage treatment with intelligent control.



# 99%

Removal of ammonia, and >98% BOD<sub>5</sub> removal



## ClearFox® QuickONE+

### The intelligent and powerful sewage treatment plant for residential and commercial applications.

#### The applications

ClearFox® QuickONE+ is a single-chamber SBR system for decentralised wastewater treatment. It is designed for capacities from 4 to 24 PE.

##### Installation of a complete system

- Individually scalable up to 24 PE
- Fully pre-assembled for plug & play
- Underground installation
- Low sludge accumulation
- Direct discharge into receiving water bodies

##### Installation in a tank

- Transformation of an existing tank into a small SBR sewage treatment plant
- Suitable for any tank size and shape

##### Upgrading of septic tanks

- SBR equipment is suitable for upgrading septic tanks or cesspools
- Supports the degradation performance by adding oxygen

#### The advantages

Easy to transport

Odourless

Low noise

Fully automatic control

No chemicals required for operation

No mechanical parts in the wastewater

Low maintenance

Guaranteed trouble-free operation

Small footprint

Overload and underload capable

Corrosion resistant

No spare parts required

Expandable up to 24 PE

Retrofitting septic tanks or soakaways

Certified according to EN12566-3 with international approval

# ClearFox® QuickONE+

## Compact and Efficient

## Just Clever

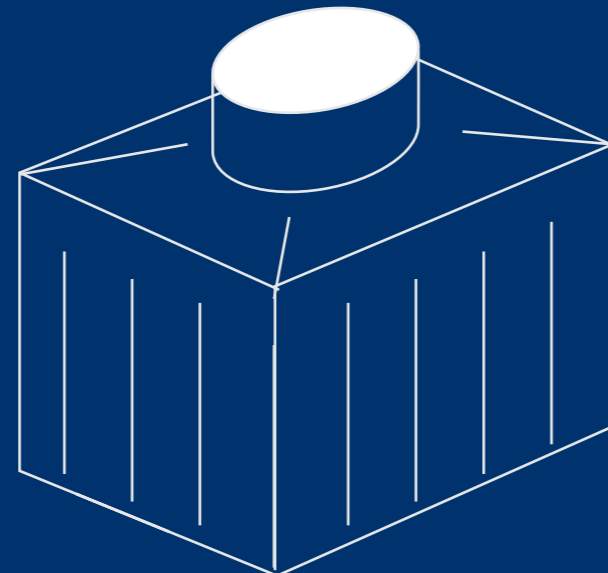


**ClearFox® QuickONE+**  
The compact sewage treatment plant with advanced SBR technology

### ClearFox® QuickONE+ in a plastic tank

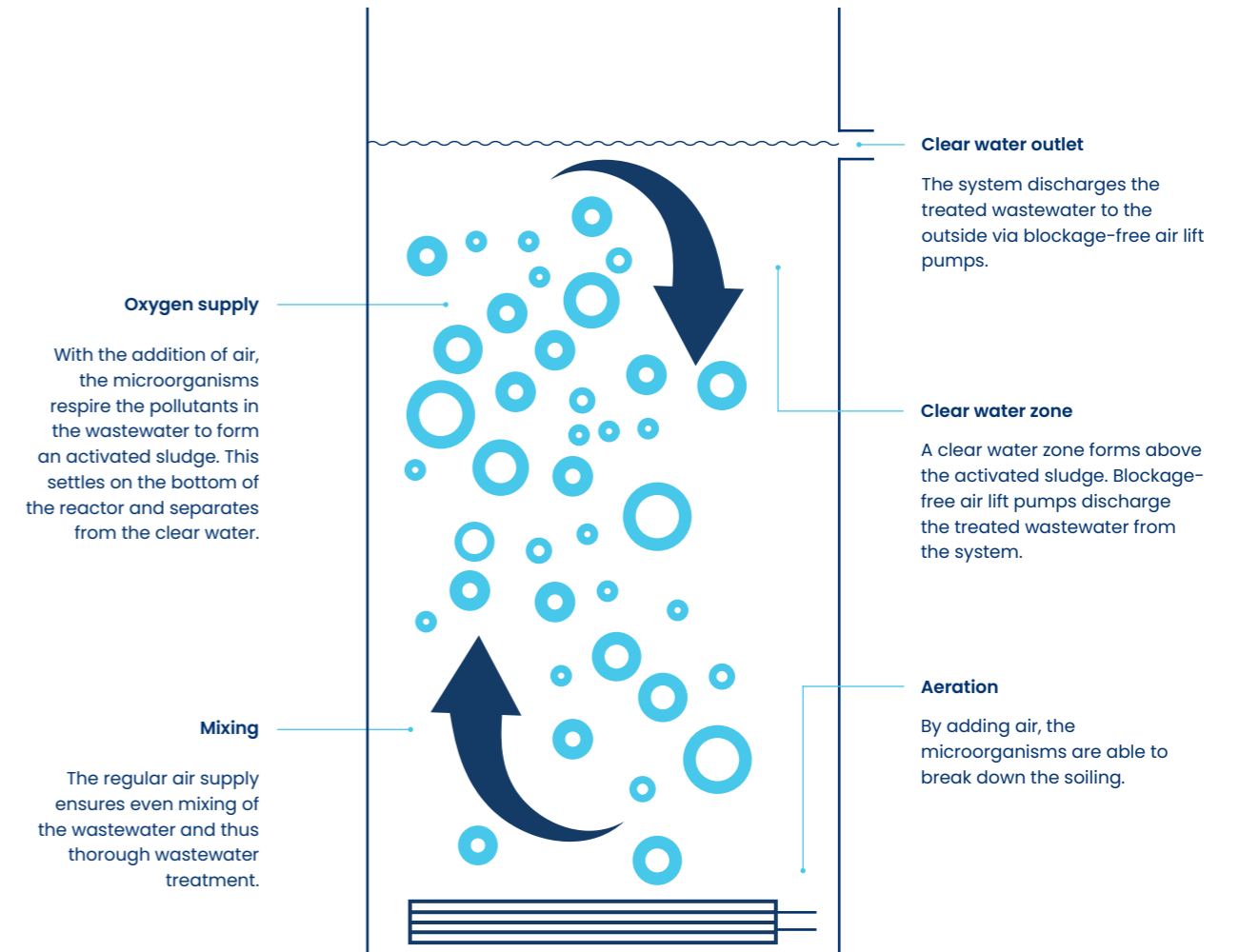
#### The intelligent solution for domestic wastewater treatment

The ClearFox® QuickONE+ is a small domestic wastewater treatment plant with an intelligent control system. Using integrated pressure sensors in the aerator plates, the system recognises the water level and adjusts the aeration times accordingly. If the wastewater supply is too low, it switches to holiday mode, which also saves energy. If the wastewater supply is increased, the aeration times are extended, which enables the system to achieve better biological degradation performance.



# ClearFox® QuickONE+

## The fully automatic solution for domestic wastewater treatment



By regularly aerating the wastewater, **microorganisms** are able to break down the contaminants in the wastewater. These form an **activated sludge** that settles to the bottom of the tank and thus separates from the treated wastewater.

The ClearFox® QuickONE+ is a **ready-to-connect, fully pre-assembled sewage treatment plant** in a PE tank reinforced with stainless steel. The complete control module is installed in a ventilated dome shaft above the biological reactor. All essential components of the system - the control system, the biology and the sampling pot - are easily accessible even after underground installation.



# International Service? No Problem!

## The models of the ClearFox® QuickONE+ at a glance

	4 PE	6 PE	12 PE	18 PE	24 PE
Power consumption	0,52 kWh/day	0,52 kWh/day	1,04 kWh/day	1,55 kWh/day	2,1 kWh/day
Dimensions (L/W/H) in cm	153/122/220	243/122/220	486/122/220	729/122/220	729/244/220
Drainage class	N	N	N	N	N
Cleaning performance COD	93,7%	93,7%	93,7%	93,7%	93,7%
Cleaning performance BOD <sub>5</sub>	98,1%	98,1%	98,1%	98,1%	98,1%
Cleaning performance N <sub>tot</sub>	67,6%	67,6%	67,6%	67,6%	67,6%
Cleaning performance NH <sub>4</sub> -N	99,4%	99,4%	99,4%	99,4%	99,4%

The team at PPU has travelled to every continent in the world over the last 15 years. The experience we have gained in adapting to different conditions is what sets us apart, allowing us to successfully commission wastewater treatment plants everywhere.

We act as a general contractor and therefore accompany you every step of the way. The team at PPU Umwelttechnik GmbH has an in-depth understanding of wastewater treatment processes and technologies and is happy to pass this knowledge on to you at any stage of your project.

We are happy to advise you!



**Do you have any questions?  
We are happy to advise you!**  
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**info@clearfox.com**



More information about  
our ClearFox® QuickONE+  
can be found here



#### **Innovation made in Germany**

PPU Umwelttechnik GmbH provides wastewater treatment to the private, municipal, industrial and decentralised sectors. Under the brand name ClearFox®, the company sells wastewater treatment plants produced in Bayreuth all over the world. The focus is on biological, chemical-physical and oxidising processes for wastewater treatment. PPU Umwelttechnik GmbH offers selected processes in ISO sea containers. This makes them compact, mobile, modular and available anywhere in the world within a very short time. Each containerised wastewater treatment plant is tailored to individual requirements, making each project unique.

As a general contractor, PPU takes on the planning, production and commissioning of each individual wastewater treatment plant. Every customer can count on reliable co-operation with PPU Umwelttechnik GmbH.

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