

Mobile ozone water purification plants

Mobile ozone plant

OZ

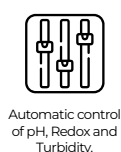
The **OZ mobile ozone purification plant** is the solution to the compliance requirements set out by the European Parliament in the recent Regulation (EU) 2022/679, which establishes the elimination of micro-contaminants present in water.

A plant with advanced oxidation capacity for the removal of contaminants is offered.

17-β-estradiol and **nonylphenol** are examples that must be reduced due to their endocrine-disrupting properties and the risk they pose to human health.

There are three oxidation processes capable of destroying the most complex micro-contaminants, such as:

- **Advanced Oxidation (AOP):** $O_3 + H_2O_2 = -OH.$
- **Oxidation with Ozone:** O_3
- **Advanced Oxidation (AOP):** $UV_{254} + H_2O_2 = -OH.$



We transform the water you have, **in the water you need, when you need it.**

Ozono + AOP

Antibiotika

1.4 Dioxan
Trimethoprim
Sulfamethoxazol
Erythromycin
Clarithromycin
Roxithromycin
Azithromycin

Antiepileptikum

Carbamazepin
Clofibrac ac
Ibuprofen
Naproxen
Ketoprofen
Diclofenac
Tonalide
Galaxolide

Contrasts

Iopamidol
Iopromide
Diatrizoate
Hormones
17B-estradol
Levonorgestrel

Beta-bloqueantes

Atenolol
Sotalol
Metoprolol
Propranolol
Antiepilepticox

Pesticides

Anthracene
Cadmium
Chloralkalis
Cybutryne/Irgarol
Terbutryn

Anxiolytika

Oxazepam
Sertralin
Sulfamethoxazol
Bisphenol A

O3 + UV + AOP

BAF

Endotoxins
Phthalates
Flame retardants
Chloroalkanes
Octylphenol
PFAS
Sucralose

Phenole

Aromaten
Alkohole
Kohlenwasserstoffe
Erdöladditive
Chlorierte
Lösungsmittel
Organische
Schadstoffe

Modular System

Complete and modular solutions to adapt to the most demanding circumstances.

Temporary Flexibility

Our plants are automated and tested to produce up to 1,200 m³/day of water 24 hours a day.

Uninterrupted Power Supply

Remote control of our plants to ensure water supply, through the assignment of an operator for continuous monitoring.

Get the highest quality osmotic water

Designed to treat water with a concentration of up to 15,000 µS, using reverse osmosis or nanofiltration membranes. These advanced technologies effectively remove nitrates, sulphates, organic matter and salts, ensuring the highest quality treated water.

Advanced treatments for the removal of:

- Viruses, bacteria, protozoa such as giardia and crypto.
- Organic matter: COD, CODref, BOD.
- Colloids.
- Micro-contaminants.
- Geosmin and microcystin.
- Odour, taste and colour.
- No bromate formation.

The solution for European Parliament compliance with EU Regulation 2022/679



Agua Potable
EU 2022/679
EU 2020/2184



Agua Reúso
EU 2018/0169
LEX 1999



Renting a Mobile Treatment Plant:

A safe and practical solution.

The best continuous water production at your fingertips, with the option of combining our RO-BW+ Mobile Plant (Desalination Plant) in series for **salt removal**.

