

# Water & Wastewater Technic WWT GmbH

Your competent partner in water systems' **technology**



## Our company



Water & Wastewater Technic WWT GmbH is a traditional, experienced company and your competent partner for any issue having to do with water treatment. We also focus upon waste water treatment and water system purification.



Further we have specialised in engineering new water treatment installations and chemicals in order to offer the full range of high-end, high quality products and technologies. We are always one step ahead. Our continuously increasing number of customers is proof of this.

We strive to deliver reliable analysis of the overall situation and competent advice. We want to offer individual and customer-oriented solutions and decrease your operating costs.



Our dense grid of sales engineers and service technicians covers not only Germany, but also ten other European countries. Experienced and reliable experts will assemble, commission and maintain your equipment. In case of malfunction, one of our service technicians will be on-site quickly.

## Our equipment range

### Backflow preventers

Used to avoid the backflow or backpressure of water treatment chemicals into the drinking water system.



### Filtration

- tissue filter
- activated carbon filter
- media filter

Used for retention of dirt, rust and scale particles as well as corrosion products. Activated carbon filters are used for water purification, especially for removal of organic matter and chlorine.



### Ion exchangers

- water softening
- decarbonisation
- deionisation (D.I.)

Used for soft water production through ion-exchange. We offer three different types of installations: cabinet, simplex and duplex units. Control types are time, volume or sensor controlled.

D.I. cartridges remove all minerals from drinking water in order to obtain pure water. The salt concentration within the pure water is equal to that of distilled water, so that it can be used for humidifiers, surface technology, laser technology, laboratories, etc.



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## Membrane technology/ reverse osmosis (RO)

Used to demineralise water of different qualities. Reverse osmosis installations are mounted onto a stainless steel frame. They are ready for connection and comprise the following elements: filter, pump, RO modules, measurement and control device, and valves. Demineralised water is needed in AC installations or boilers, for example.



## Bleed off equipment

Controls the conductivity of system water, limiting the concentration of dissolved solids in open cooling circuits and air humidifiers. All blowdown installations are ready mounted on a plastic board. Bleed off control has a high water saving potential.



## Dosing equipment

Used to continuously feed liquid water treatment products into a system. The dosing station comprises a dosing tank, the corresponding suction lance and the dosing pump mounted on top. We also offer special dosing stations for feeding of outgassing disinfectants or for pre-treatment of membrane installations with stabilisers. A large range of ancillary equipment is also available.



## UV disinfection installations

Used for disinfection of cooling, humidifier, process and drinking water installations. Only the UV-C rays have bactericidal effect, so that the water to be treated is exposed to intensive UV-C light inside the UV reactor.



## Auxiliary systems

- cleaning equipment
- pressure booster
- measuring equipment

Scale and rust removal installations have been in use for many years and have proven their effectiveness.

Pressure booster pumps are used for pressure increase in the water supply system.

The pH meters monitor the pH in the water and indicate when limit values are exceeded.



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Fachbetriebsgemeinschaft Maschinenbau e. V.