

Drinking water treatment

Butzbach

Customer Energie und Versorgung Butzbach (energy provider)

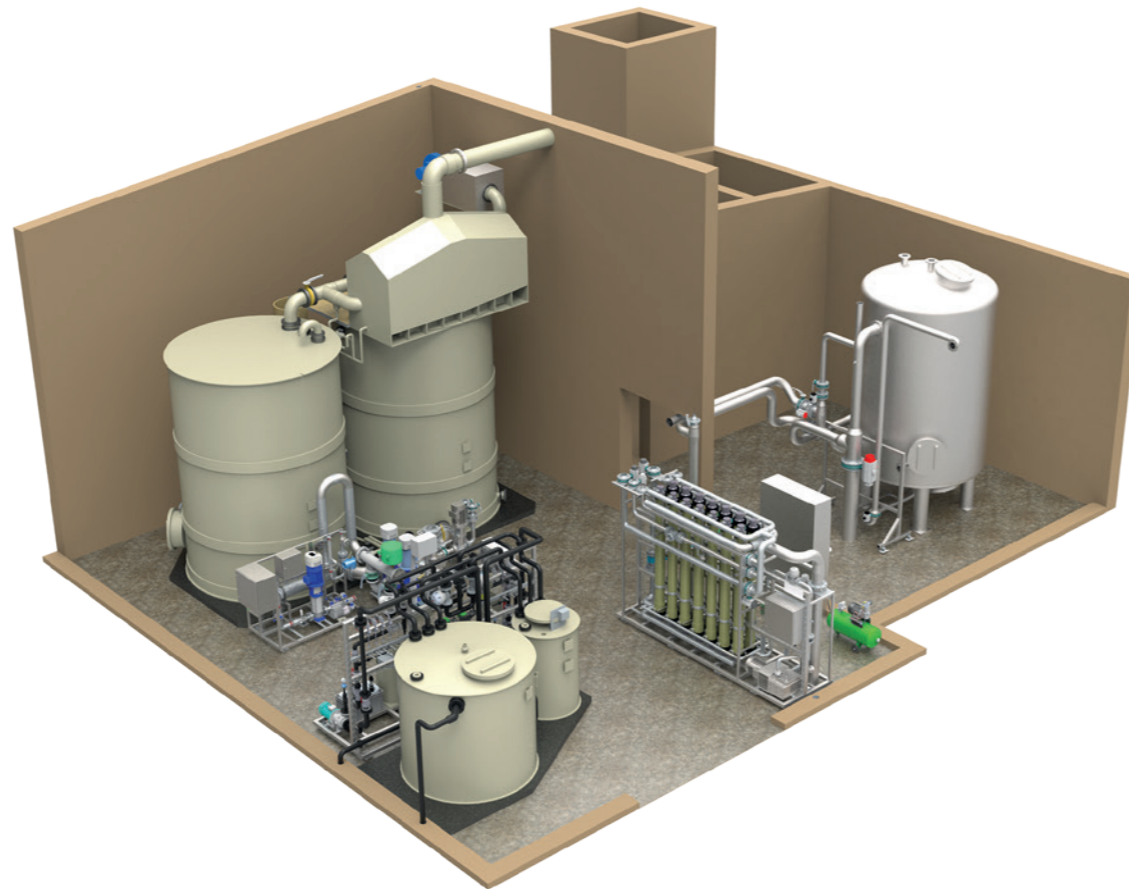
System Filtration, ultrafiltration and UV for the treatment of drinking water

Specifications

Three wells that can be operated individually or in parallel. The well water is treated by means of the process steps filtration, ultrafiltration, deacidification via cross-flow deaerator and UV. The ultrafiltration can be cleaned as needed via semi-automatic CIP.

Scope of supply

- Repair and automation of the on-site filter
- Ultrafiltration system, max. 55 m³/h
- Cross-flow deaerator
- 2 x 25 m³/h storage tanks
- UV system
- Frequency-controlled pressure booster system into the supply network
- Semi-automatic CIP
- Switch cabinet with S7 controller and data transfer to control centre, option for remote control



Grünbeck's services

Process design, mechanical and electrical engineering, programming, manufacturing and conversion of the filter on site. Placing of the new system, installation and electrical installation, start-up and process integration