

Vodaservis

Vodaservis

CLPR
CERTIFIKACE
ISO 9001

CLPR
CERTIFIKACE
ISO 14001

ČSN EN ISO 9001:2001
ČSN EN ISO 14001:2005



We serve many industries

Manufacturing
Food and Beverages
Construction companies
Agriculture and Farming
Hotels and Restaurants
Schools and Hospitals
Engineering firms
Municipalities
Households

We offer cooperation in various areas

Delivery and installation of technologies for water treatment. Cooperation on waterworks development. Professional consultancy on water management. Hydrogeological expertise. Installation of piping and tailor made fitting systems. Water reservoirs equipment. Production and installation of stainless steel accessories and components. Operation of water supply.

- Drinking and process water treatment solutions
- Production of stainless steel filtration systems for water treatment
- Hydrogeological works and groundwater wells building

Contact or visit us:

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www.vodaservis.cz

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Long Life. High Efficiency. Unique Quality

Service Offer

- Supplier of **technological units for industrial water treatment (process, boiler-feed water, cooling water)** for various industries (food&beverage, agriculture, manufacturing, healthcare, energy)
- Design and installation of drinking water treatment plants for **municipalities and communities, leisure facilities, wellness & spa**
- Provider of water treatment solutions for **all kinds of water resources (groundwater wells, public water distribution, surface resources - lakes, rivers, sea)**
- **Tertiary wastewater treatment** and delivery of **intermediate pumping stations**
- Production and installation of **various stainless steel accessories** to storage water reservoirs, swimming pools, aqua parks
- **Hydrogeological services** from exploration, source of water finding, boreholes drilling, installation of well, expertise
- **Maintenance, regular service works and consultancy** of water treatments units

Water treatment technologies

Problem	Water treatment technologies
Correction of iron and manganese	Oxidation by atmospheric oxygen in aeration tower or by oxidizer, pH adjustment followed by filtration through special filling of TVK / TVK S pressure filters
Correction of acidic water	Filtration through special filtration substance in pressure filters TVK O
Removal of aluminum and CHSK	Coagulation and filtration through the sand pressure filter TVK
Removing of turbidity	Filtration on the sand filter TVK
Removing of undesirable colour, bad taste and odour	Sorption on the special filling of active carbon in pressure filter TVK U
Removing of ammonia ions	Water aeration and oxidation to nitrates and filtration through special filtration filling in pressure filter TVK S
Reduction of radon units, chlorine-hydrocarbons, free carbon dioxide, water aeration	Passage of water through the aeration tower with the support of active ventilation
Reducing water hardness	Softening of water through ionex capturing calcium and magnesium ions
Removing of nitrates	Filtration through ionex filling capturing nitrates nitrates, regeneration of ionex filling by regeneration salt in tablet form
Demineralization	Reduction of amount of minerals in water by high pressure reverse osmosis or by ionex resins through filtration
Elimination of germs and bacteria	Chlorination of water and UV radiation
Cleaning of water medium contaminated by mechanical impurities, mud and sediments, organics.	Filtration through Sleeve filter RF
Cleaning of water light contaminated by mechanical impurities	Filtration through Multi Cartridge filter SF

Products

We are the only manufacturer of **high-rate stainless steel pressure filters for water treatment** in the Czech Republic. We use high quality materials (stainless steel, PVC, multi-level filtration fillings) with leach tests for permanent contact with drinking water. High rate stainless steel pressure filters and aeration towers are the building blocks for the modern technologies of water treatment provided by Vodaservis.

High-rate stainless steel pressure filters TVK, TVK S, TVK O, TVK U

Sizes from diameters 170 mm to 3 000 mm
 Filter capacity from 0,11 to 40l/sec of flow rate
 Stainless steel or PVC fitting material
 Filling: filtration sand, manganese removal, acidity-removal, active-carbon substances.
 Tailor-made filters for filling steaming, backwashing by air

Aeration Towers PV and PVS

Stainless steel or plastic materials
 Sizes from w/d/h 400/300/1600mm to 1200/1200/6600mm
 Capacity 1,6 – 40 l/sec
 Filling – non - rigid PVC – DUROFOL - N
 We offer manufacture, delivery, installation and service of all appliances

High-rate stainless steel Sleeve or Multi-Cartridge filters RF and SF with removable cartridges

Diameters from 168 mm to 380 mm
 Capacity 0,3 – 13,5 l/sec
 Removable cartridges from various materials from 0,2 – 800 microns

Modular water treatment plants UMOV and UMOV RO

Integrated system allowing the treatment of water from various resources (underground, surface, sea). Capacity from 100l/hour to 4,2l/s. Technological components of the plant consist of integrated system installed on the fixed frame which are placed on the transportation container (from the EUR palett for the small type of the plant to ISO 20' container for plant with an output of 15m3/hour). Mobility thanks to special trailers for transport vehicles.

Other production

Stainless steel accessories such as stainless steel tubs and tanks, hatches, ladders, railing, console for baths and aqua parks

We provide retail sales

We sell pumps and pumping stations, pools and pool accessories and chemicals, softening and nitrate removal fiberglass filters, pipe filters, UV lamps, dosing pumps, pressure vessels, hydrometers, water treatment chemicals, filtration fillings, water pipes, garden hose and sprayers.

