

COMPLETE WATER TREATMENT PLANT – "PLUG AND PLAY"

If you need a COMPLETE, stand-alone water treatment plant for any application, which **HAS** to be either easily moveable or low foot-print and yet with high capacity – ODIS's containerized unit is the ideal solution.

Odis containers already provide drinking water in hundreds of remote communities (**12%** of Romania's total population, drink water treated by Odis containers) and wastewater, and they can also be configured for other applications like mining, Oil & Gas, industrial facilities etc.



ABOUT ODIS FILTERING

For the last 27 years, ODIS has been a leader in the field of water treatment. Our equipment is installed in more than 50 countries, serving customers ranging from multinational corporations to municipalities in various applications, including: drinking water, municipal and industrial wastewater and industrial processes.

Special needs / adaptations

Based on our broad in-house design and **MANUFACTURING** capabilities, Odis specialized in providing "personalized" solutions per each separate site, for a competitive price ! We did it with respect to the already-deployed containerized plants, and we will do it for you as well !!!

SYSTEM DATA

- Water source – various sources like: seawater, brackish water, surface water, ground water.
- Water treatment – drinking (including desalination), wastewater, process water
- Capacity - up to 800 m³ / day per a single 40 ft. container (application dependent).
- Modularity - the plants can be extended / interconnected if higher capacities are required
- Size - 20 feet / 40 feet Containers

ADVANTAGES

- Full solution – a complete water treatment plant + all complementing accessories
- Fully automatic - Easy to operate
- Reliable – long service life
- Robust - durable
- Easy to maintain



A TYPICAL SYSTEM STRUCTURE

The plant structure is **FULLY DEPENDENT** on the specific application it is designed for. A possible structure for a drinking water application may consist of:

- Filtration Pump
- Coagulation Unit
- Oxidation Unit – Optional
- Rapid Sedimentation Unit
- Coarse Filtration by Double chamber Gravel Filters
- Fine Filtration by Multi-Media Double Chamber Filters
- Adsorption by Double Chamber Granular Activated Carbon Filters
- Disinfection by Chlorine Tablets, Hypochlorite solution or Chlorine Generator
- Electrical and control board
- Treated water distribution system

Wastewater treatment

Odis also provides a wastewater treatment plant characterized by

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| ○ Low foot print | ○ Low cost |
| ○ Short and easy deployment | ○ Modular – easily expandable with no downtime |
| ○ Minimal maintenance | ○ Closed system – no emissions of odor |
| ○ Uses the SOLIQUATOR [®] – a patented product of Odis | ○ Whole system is above the ground |



ODIS undertakes to supply its customers with advance technological solutions while taking into account environmental aspects; meeting drinking water standards and at the same time putting an emphasis on economic considerations.

