

Drinking water from seawater, brackish and inland water

Customized, compact and energy efficient plants.

DimWater Engineering design compact and customized water treatment plants to suit with the customer needs. Easy to move, low installation and low shipping costs, due to they are installed in containers.

PRODUCE DRINKING WATER

Wherever needed at Low Cost



Our water **treatment plants** installed in containers offers a lightweight, compact, rigid and robust structure.

The design in that format allow to modulate the plant to furthers upgradings, increasing they capacity.

TOTALLY AUTOMATIC

Its handling does not require specialized personnel

Sea water and brackish water desalination

- **DimWater Engineering has extensive experience in the design and construction of seawater** and brackish water desalination plants
- Reverse Osmosis, by spiral wound membranes, is used as the best solution for the desalination process.
- Desalination process: seawater and brackish water becomes into drinking water for human consumption.
- Our desalination plants can produce 3.000 m3/day of drinking water.



Our plants are equipped with energy recuperators, **which transfer the residual pressure from reject line to the influent line**, thus reduce the energy requirements.



Inland water purification - ultrafiltration

- Total elimination of parasites, bacteria, viruses and suspended solids.
- Capable to operate with high suspended solids concentrations.
- High recovery rates.
- Low energy consumption.
- Low consumption of chemicals.



Ultrafiltration is used to produce drinking water from inland water. It consist in a physical separation using hollow fiber membranes.

Our plants to produce drinking water from inland water have capacities up to 10.000 m3/day in one shipping container.

Emergency purifiaction unit

- Emergency units powered by Solar energy.
- Different types of membranes are incorporated to desalinate any kind of water (seawater, brackish or inland water). In order to produce drinking water wherever needed.
- Compact and lightweight equipment.
- Large longevity.
- Easy to operate and handling.



Experience



Water purification
for daily utilization



Agricultural Sector



Farming Sector



Hotel Sector