

# Drinking water from seawater, brackish and inland water

Customized, compact and energy efficient plants.

**Dimasa Grupo 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

- **Dimasa Grupo 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 m<sup>3</sup>/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 m<sup>3</sup>/day in one shipping container.

## Emergency purifiacion 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