

SEA WATER DESALINATION SYSTEM





Sea Water Desalination Systems are Preferred In Those Areas

- * Government
- * Municipality
- * Industry
- * Agriculture
- * Medicine
- * Army

The sea water treatment systems, the salinity of the water is removed and the water is brought to the fresh water criteria
Seawater treatment systems provide water for general use or drinking water
Designing a specific system considering the energy consumption with the best treatment efficiency is crucial in sea water treatment systems



SAVE WATER

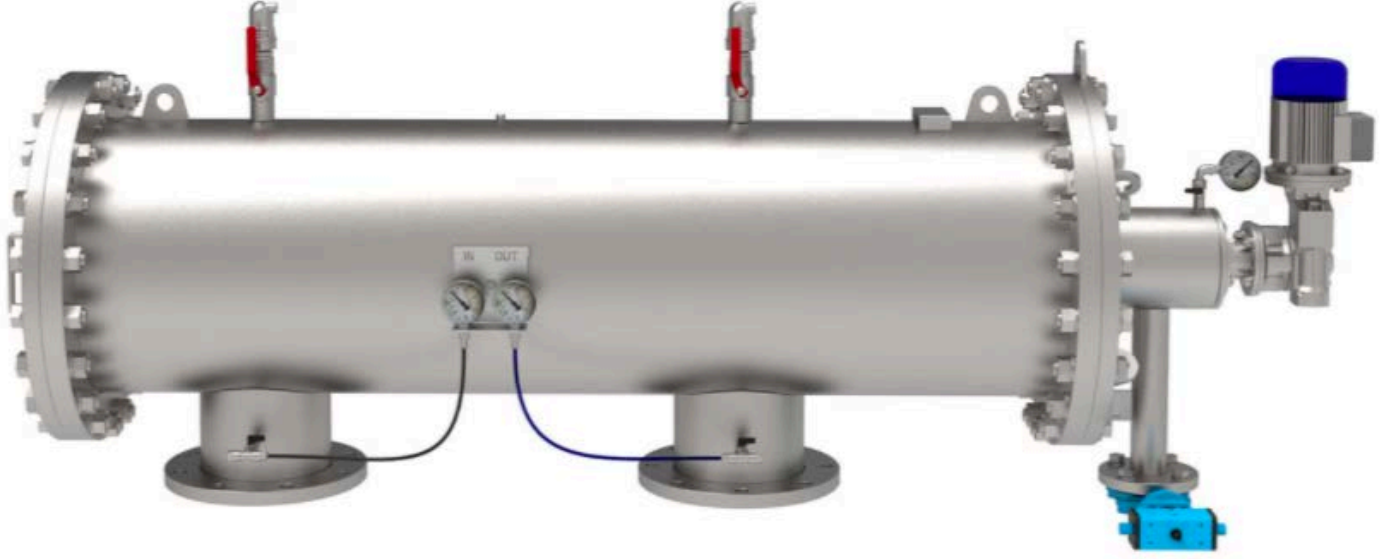


SEA WATER TREATMENT SYSTEMS CAPACITIES



- * 50 m³/h
- * 100 m³/h
- * 200 m³/h
- * 300 m³/h
- * 400 m³/h
- * 500 m³/h

AUTOMATIC WASHING FILTER

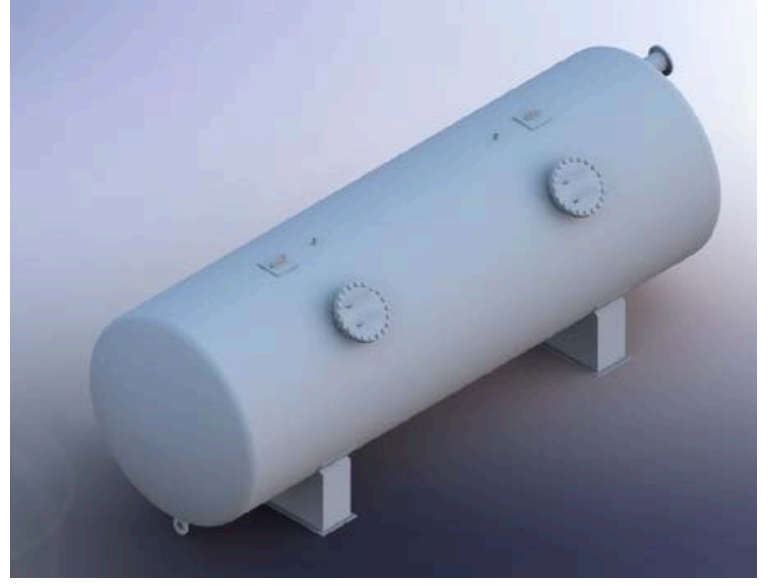


Automatic filters with suction scanning self-cleaning mechanism, driven by an electric motor. Thanks to flexible mechanism of scanner, ensuring adherence to the screen, this filter has high cleaning efficiency.

- Multi-layers screens with several filtration degrees
- No interruption flow during the cleaning cycle
- Minimum cleaning water consumption
- Very reliable and efficient cleaning mechanism with suction scanning



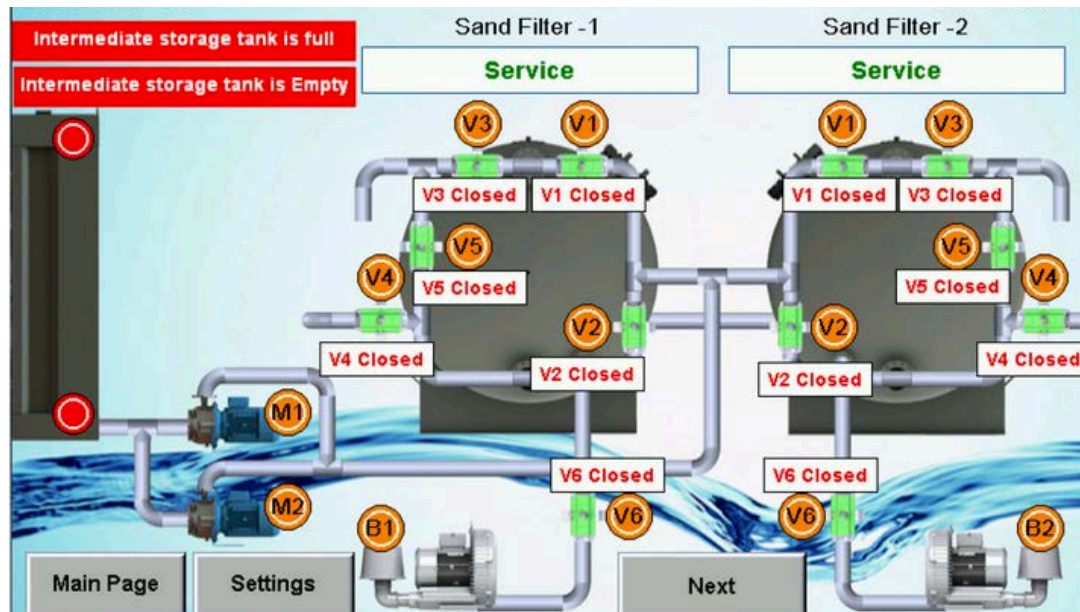
SAND FILTER



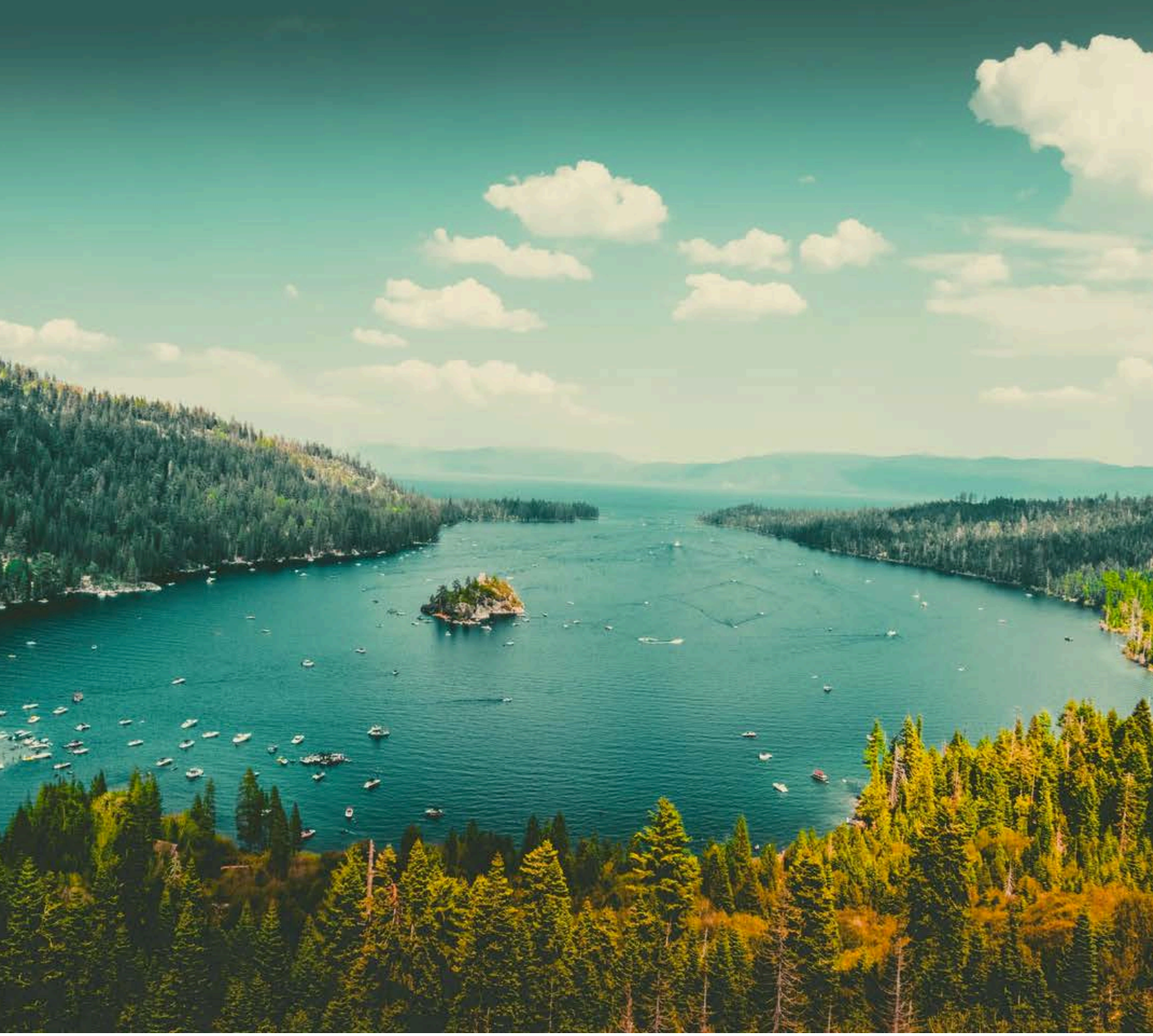
Sand filters ensure that suspended substances are retained in water. Sand filters also benefit from the subsequently integrated systems. These filters remove the residue and particles that cause turbidity in the water.

There are three main types of sand filters; fast (gravity) sand filters, upstream sand filters and slow sand filters. All three methods are widely used in the water industry worldwide.

While the first two require the use of flocculant chemicals to work efficiently, slow sand filters can produce very high-quality water, without the need for chemical aids, with 90% to 99% (depending on the pressure) .



SAFE WATER



DOSING SYSTEMS



Dosage systems are used for many purposes such as water disinfection, pH reduction and raise, corrosion prevention and so on .

REVERSE OSMOSIS



Dissolved organic and inorganic substances (bitter, high conductivity, etc salts, heavy metals, viruses and bacteria in the water are treated with reverse osmosis systems Up to 96 99 of purity in water could be achieved Water with different sources such as well water, tap water, sea water etc could be treated with high purity using Reverse Osmosis Systems.

CONTROL UNIT



Electric board, IP 54 is suitable to contain the power, control, monitoring and alarm devices for the plant. The controls shall be identified by metal plates fixed by screws. All instruments shall be safety anchored and located so as to keep proper geometry, both horizontally and vertically.



ENVIRONMENTALLY FRIENDLY





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