



# GOVARSO ENGINEERING COMPANY

Website [www.govarsoco.com](http://www.govarsoco.com)



## ● Govarso Engineering Company ●

Govarso Engineering Company, with over two decades of experience, is active in consulting, designing, manufacturing, and selling industrial water treatment systems using Reverse Osmosis (RO) technology, as well as designing and constructing industrial and sanitary wastewater treatment plants both domestically and internationally.

We also supply and sell all equipment and components related to these systems.

It is worth mentioning that we are also active in the design and manufacturing of household and semi-industrial water purification systems.



### Industrial RO Water Purification System :

- Industrial water treatment systems are designed for large industrial applications and
- are capable of effectively and efficiently treating large volumes of water



### Seawater Desalination

- These systems are used to purify seawater, converting it into safe drinking water.
- They are commonly used in marine industries and coastal areas



### Distilled Water Production (Double RO System)

- To produce high-purity distilled water, a Double RO (Reverse Osmosis) system is used,
- which reduces minerals and impurities through two stages of reverse osmosis.
- It is widely used in sensitive industries like pharmaceuticals and electronics.





### Semi-Industrial Water Purification System

- - These systems are designed for commercial and semi-industrial use. They offer high
- purification capacity and are suitable for places like
- restaurants, offices, and service centers.



### Home Water Purifier

- Home water purification systems are designed to remove pollutants, chlorine, and other
- harmful substances from household drinking water.
- These systems provide safe and clean drinking water.



### Ultrafiltration System (UF)

- - Ultrafiltration (UF) systems are used to remove fine particles, microorganisms, and other
- contaminants from water and are used in water and wastewater treatment.



### Ozone Generator System

- Ozone generators are used for disinfection and removal of odors and microorganisms
- from water. Ozone is an effective method for water treatment.



### Ozone Generator System

- The UV system uses ultraviolet light to disinfect water by eliminating bacteria,
- viruses, and harmful microorganisms without using chemicals.



### Microfiltration Pretreatment System (MF) :

- The MF (Microfiltration) system removes suspended particles, bacteria, and some
- impurities using ultra-fine filters, enhancing water clarity.





### Chlorination Package

- The chlorination package is designed for water disinfection using liquid
- or powder chlorine, and is used in treatment plants,
- swimming pools, and water distribution networks.



### Metal Wastewater Treatment Package

- - Metal and concrete sewage treatment packages are used for treating
- industrial and municipal wastewater. These systems are widely used in various
- industries including automotive and food industries.



### Concrete Wastewater Treatment Plant / Recycling and Effluent Treatment

- - English: Metal and concrete sewage treatment packages are used for treating
- industrial and municipal wastewater. These systems are widely used in
- various industries including automotive and food industries.



### Sanitary Wastewater Treatment Package

- - These packages are specially designed for treating sanitary wastewater and
- use fiberglass as the primary material. These systems are used in hotels,
- hospitals, and similar centers.



### Fiberglass Sanitary Wastewater Treatment Package

- - These packages are specially designed for treating sanitary wastewater
- and use fiberglass as the primary material. These systems are used in
- hotels, hospitals, and similar centers.



### DAF Grease Separation System

- - English: DAF (Dissolved Air Flotation) grease traps are used to remove fats,
- oils, and suspended solids from water. These devices are especially used in
- industrial wastewater treatment.



### Microstrainer System

- Microstrainers are used to remove fine particles and suspended solids from
- water and are used in water and wastewater treatment plants. These devices
- are essential for protecting membranes and other treatment equipment.





### Water Dispenser

- Multistage pumps are used to transfer water or other liquids from one point to
- another. These pumps are commonly used in water and wastewater industries
- and water distribution systems.



### Membranes (Filmtec & LG Brands) "8 & "4

- FilmTec membranes are designed for high-performance industrial and
- household water purification with long lifespan.



### FRP Sand Filters (Various Brands)

- FRP sand filters are corrosion-resistant and used to remove suspended solids,
- mud, and turbidity from water. They are lightweight, durable, and long-lasting.



### Pressure Vessels (Various Brands)

- English: Pressure vessels are tanks that operate under pressure and are used in
- water treatment systems to house filters and
- membranes under pressure conditions.



### Housing 304 Stainless Steel

- Stainless steel housings are designed to protect filters and membranes from
- damage while providing optimal conditions for the efficient operation of
- water treatment systems.



### Manual & Actuator Valves for Sand Filters

- Sand filters are used to remove larger particles and suspended impurities from
- water. These filters are used in treatment plants and water distribution systems.





### Pressure Vessels (Various Brands)

- - English: Filter presses are used for separating liquids and removing suspended
- solids. They are used in various industries, including food
- and pharmaceutical industries.



### Actuated Valve

- Actuator valves are used to control fluid flow in water and wastewater treatment
- systems. These valves operate automatically using electrical or pneumatic signals.



### Glass Tube Flowmeter

- Glass flowmeters are used to measure the flow rate of liquids or gases in systems.
- These devices are used to monitor the performance of treatment systems.



### Solenoid Valve

- Solenoid valves are used to control the flow of water and other substances in
- water and wastewater treatment systems.



### Jumbo Filter

- Jumbo filters are used for water purification and removing larger pollutants.
- These filters are commonly used in industrial and domestic treatment plants.



### Slim Filter

- Slim filters are used for purifying surface and groundwater. These filters
- are smaller in size and are suitable for limited spaces.





### Booster Pumps (Various Brands)

- -Booster pumps are used to increase water pressure in water
- distribution and treatment systems.



### Multistage Pumps (Various Brands)

- Vertical multistage pumps are designed to deliver high pressure while
- occupying minimal space, making them ideal for RO systems
- , booster pumps, and water transfer lines in compact areas.



### Dosing Pumps (Brands: Etatron, SEKO, Aqua)

- - Dosing pumps are used to add chemicals or anti-scalants to
- water and wastewater treatment systems.



### Jacobi Activated Carbon

- Activated carbon is used to remove organic substances, chlorine, and other
- pollutants from water. It is used in treatment plants and water purification systems.



### Silica

- Silica is used for water purification, especially in sand filters. This material
- effectively removes suspended particles and contaminants from water.



### Stainless Steel Oil-Filled Pressure Gauge

- Oil-filled pressure gauges are used to measure pressure in systems
- operating under pressure, such as water and gas treatment systems.



### Panel-Mounted TDS Meter

- TDS meters are used to measure the amount of dissolved solids in water
- (TDS) and are used in water treatment processes.



### ORP Meter

- ORP meters are used to measure the Oxidation-Reduction Potential (ORP),
- which indicates the ability of water to disinfect.



### Antiscalant Flocon 260

- Flocon 260 is a powerful antiscalant used to prevent mineral scaling
- in RO membranes and maintain optimal system performance.





### Acid & Alkaline Membrane Cleaning Solution

- Alkaline and acidic cleaning solutions are used to clean membranes from
- contaminants and deposits and are used in water treatment systems utilizing
- reverse osmosis technology.



### Liquid and Powder Chlorine

- Chlorine powder and liquid are widely used disinfectants for
- water and wastewater treatment systems.



### Anionic & Cationic Resin

- Anion and cation resins are used to remove dissolved
- ions and soften water in ion exchange systems.

#### Purolite C100

