



# INTEGRATED WATER SOLUTIONS



# Integrated Water Solutions Company (IWS)

Integrated Water Solutions Company (IWS) is an Australian owned engineering company specialising in the fields of water and wastewater treatment, embracing environmental and chemical engineering applications.

The company is based in Sharjah Airport International Free Zone, United Arab Emirates. IWS has developed a strong reputation for technical development in the water and wastewater industry by pioneering and developing systems, methods and equipment designs leading to efficient procedures and practices being implemented throughout all projects, in a manner that ensures a safe and healthy surroundings and minimizes the potential impact on the environment.

## IWS - RO

### Reverse Osmosis (Desalination) System.

We are committed to deliver world class standards of desalination technology for the residential, commercial and municipal applications, that include tap, brackish and sea water with various features include skid mounted or containerized with low operation and maintenance costs.



## IWS - WWT

### Sewage & Industrial Wastewater Treatment Solutions.

IWS's wastewater solutions are engineered to satisfy clients expectations and regulatory requirements in respect of sustainability, protection of the environment and public health.

- Extended Aeration (AE)
- Membrane Bio Reactors (MBR)
- Moving Bed Biofilm Reactor (MBBR)
- Submerged Aerated Filter (SAF)
- Dissolved Air Flootation (DAF)
- Sequencing Batch Reactor (SBR)
- Grey Water Recycling



## IWS - CHEM

### Water Treatment Chemicals

IWS - CHEM offers water treatment chemical programs with extensive range of technically advanced products that approved by and accredited from all market leading membrane manufacturers, and with NSF standard, for the following applications:

- Desalination / Reverse Osmosis
- Waste Water Treatment
- Cooling Water
- Boilers
- Swimming Pools



## IWS - Filtration

*IWS – Filtration offers comprehensive purification solutions for the presence of suspended solids, hardness, Iron, manganese, taste, color and smell in the water with high quality treatment performance.*

- Coagulation, Flocculation & Sedimentation Process
- Micro, Ultra & Nano Filtration
- Multi Media Filtration
- Softening System



## IWS - WT Components

*IWS in cooperation with world-leading manufacturers, offers wide range of commercial water components such as membranes, filter cartridges, filter housing, RO components, pumps, ultra violet systems....etc*



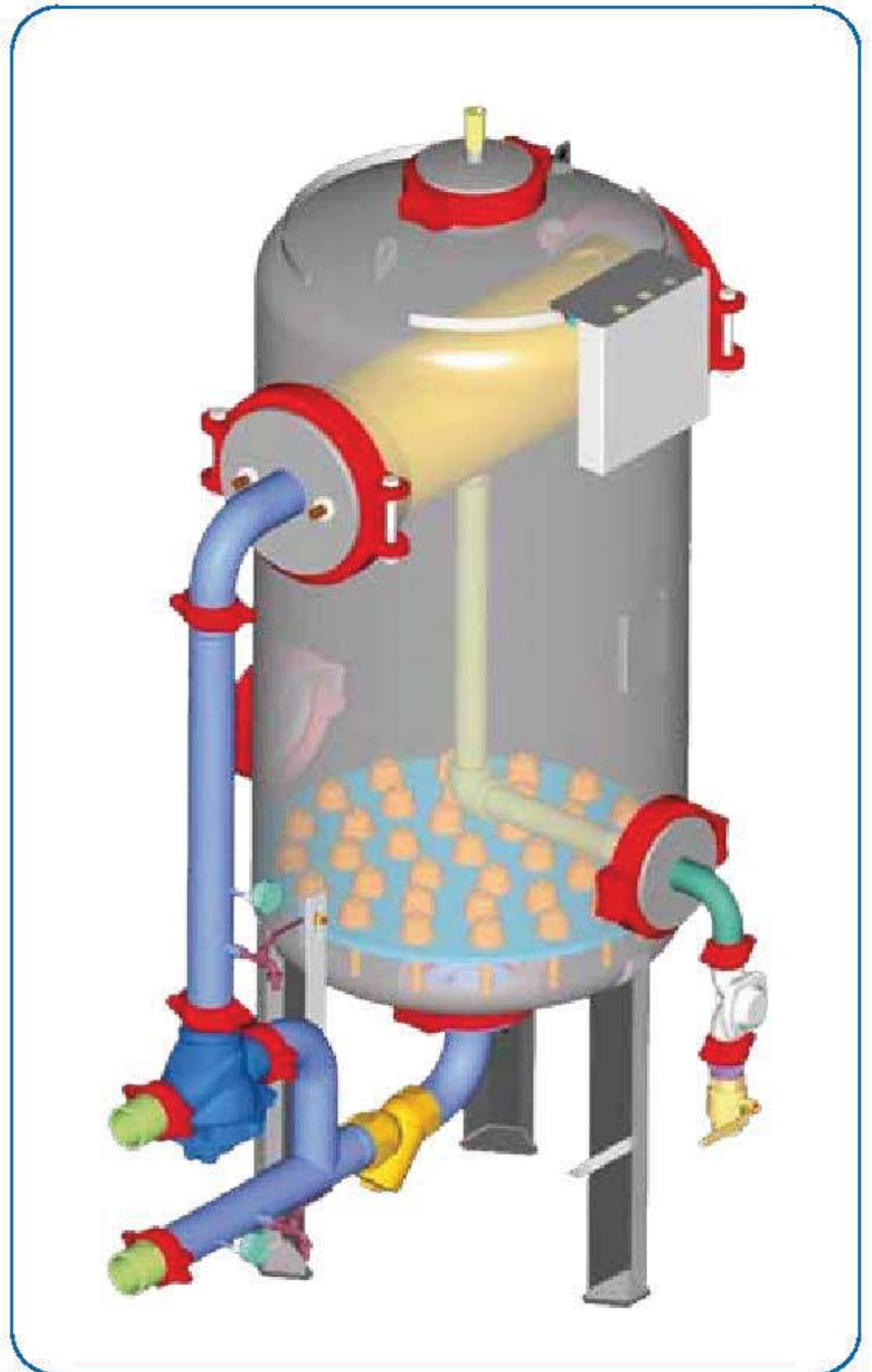
**Exclusive Agent for :**

## **EuroClean<sup>®</sup> Czech Republic**

**Electrolytic Water Purification System**

**Chemical and consumables-free solution for water treatment by removing the insoluble substances (from approx. 5 microns) from :**

- **Domestic hot water circuit by removing suspended iron, rust, excess calcium scale and turbidity.**
- **Improving the efficiency of water cooling system, heat exchangers, Industrial pipelines and water networks ,moreover Legionella Pneumophyllis protection.**



### **Chlorine Dioxide Generator.**

**The most effective method for disinfection of drinking water, treated sewage water and industrial wastewater, and to eliminate legionella and other bacteria from water networks.**



**High Corrosion Resistant Pump, Italy**

Argal pumps are fiberglass reinforced pumps, these pumps have excellent corrosion resistance for tough applications including pumping of acids, brines, caustics, bleaches, solvents, seawater and a wide range of waste liquids.

- Horizontal Centrifugal Pumps
- AODD pumps
- Vertical Centrifugal Pumps
- Pulsation Dampeners
- Self-Priming Pumps



**FILTRAN**

FILTRATION TECHNOLOGIES

**Automatic Self-cleaning Filter From 1 Micron , Turkey**

- Stainless Steel Body, Small Footprint And Light Weight
- Energy Savings & Low Maintenance Cost
- Flow Rate From 4 M3/hr Up To 5,000 M3/hr
- Patented Technology For High Dirt Loads

