

Swim In Mineral Water

ADVANCED FILTRATION AND TREATMENT SYSTEM

Imagine stepping into a pool so clean, so naturally clear, and so gentle on your skin that it feels like swimming in fresh mineral water. Our system transforms ordinary pool water into a pristine, mineral-quality environment by combining advanced filtration with smart, eco-friendly water treatment.



Swim In Mineral Water

Swim in Mineral Water is a complete filtration and water-treatment solution designed to deliver exceptionally pure, crystal-clear, and healthy pool water. By combining advanced sanitation, high-performance filtration, and innovative water-treatment technologies, the system transforms any pool into a mineral-quality swimming environment with dramatically reduced chemical use.

Water safety

Maintaining safe pool water begins with **effective sanitation**. Proper chemical balance and controlled chlorine dosing eliminate up to 99.9% of harmful bacteria and biological pathogens. Keeping pH between 7.2 and 7.4 ensures optimal sanitizer performance and swimmer comfort.

To further enhance water safety, the system integrates Dryden Aqua's **ACO** and **APF** technologies.

- ACO protects chlorine from UV degradation, extending its lifespan and reducing chlorine consumption by up to 50%.
- APF acts as a powerful flocculant and coagulant, improving water clarity and lowering chlorine demand by as much as 80%.

Together, these components create a safer, clearer, and more pleasant swimming experience.



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Filtration & Clarity

Clear water depends on efficient **filtration**. **Swim in Mineral Water** uses AFM (Activated Filter Media) from Dryden Aqua to achieve superior filtration performance.

AFM® Benefits

- Filters particles down to 1 micron
- **Reduces backwash water consumption** by up to **50%**
- **Lowers chemical demand**, including chlorine, by up to **80%**
- Resists biofouling for long-lasting, hygienic filtration

AFM® significantly improves water clarity while reducing maintenance and operational costs.



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System Synergy: APF + ACO + AFM

When **APF**, **ACO**, and **AFM** are combined in a single pool system, the result is a highly efficient, eco-friendly water-treatment process.

Key Advantages

- Up to **80% reduction in chlorine usage**
- Up to **50% less water required for backwashing**
- Enhanced filtration efficiency
- Improved water clarity and safety
- Lower operating costs and environmental impact

This synergy delivers mineral-quality water with minimal chemical input.



Terra & Aqua is a preferred distributor for APF, ACO and AFM by Dryden Aqua in Middle East

Smart Automation

Automated dosing technology ensures that essential pool chemicals are added consistently to maintain balanced and healthy water. By monitoring key parameters in real time, the system keeps the pool clear, safe, and easy to maintain, while also enabling significant chemical and energy savings that are only possible when each dose is delivered precisely at the right moment.

ASIN AQUA Home

The ASEKO's ASIN AQUA Home controller is designed for residential pools up to 250 m³, providing straightforward automation of essential water-care tasks. It monitors key parameters and adjusts dosing automatically, helping maintain clean, balanced, and safe water with minimal effort from the homeowner.

Key Advantages

- Automatic regulation of pH and chlorine
- Consistent water quality with reduced manual testing
- Clear digital display for easy operation
- Long-life sensors requiring minimal maintenance
- Compact, wall-mounted design suitable for small equipment rooms

Terra & Aqua is an exclusive distributor for ASEKO in Middle East



Filters

High-quality filters form the backbone of the **Swim in Mineral Water** system. They ensure efficient circulation, effective backwashing, and consistently stable water flow—allowing APF, ACO, and AFM to perform at their best. This seamless integration delivers clearer water, lower chemical use, and a smoother, more sustainable pool operation.

Calplas Filters

Calplas filters are engineered for **high-performance water treatment** and pair seamlessly with AFM media. Their advanced design captures fine particles, reduces backwashing frequency, and improves overall system efficiency.

When combined with **AFM, APF, and ACO**:

- Superior particle removal
- Reduced chlorine consumption
- Lower water usage
- Enhanced system sustainability and cost-effectiveness

Terra & Aqua is a preferred distributor for Calplas in Middle East



Besgo Valves

Swiss-made Besgo valves are an ideal complement to filtration systems. Built for **durability** and **efficiency**, they ensure reliable backwashing and smooth hydraulic performance.

Features

- Low pressure drop (approx. 0.3 bar)
- Available in sizes DN40 to DN125
- Stainless steel construction with ozone-resistant seals
- Designed for long service life and minimal maintenance
- Seamless integration with AFM® and sand filters

Besgo valves contribute to reduced water and chemical consumption while supporting consistent system performance.

Terra & Aqua is a preferred distributor for Besgo in Middle East





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