Kinsiz® mühendislik

Weitz Wasserwelt

Water Revitalization Technologies

TECHNICAL INFORMATION AND PRODUCT SPECIFICATION GUIDE

Water Revitalization Systems and Technology

Frequently Asked Questions, Biophysical Fundamentals, and Working Principles

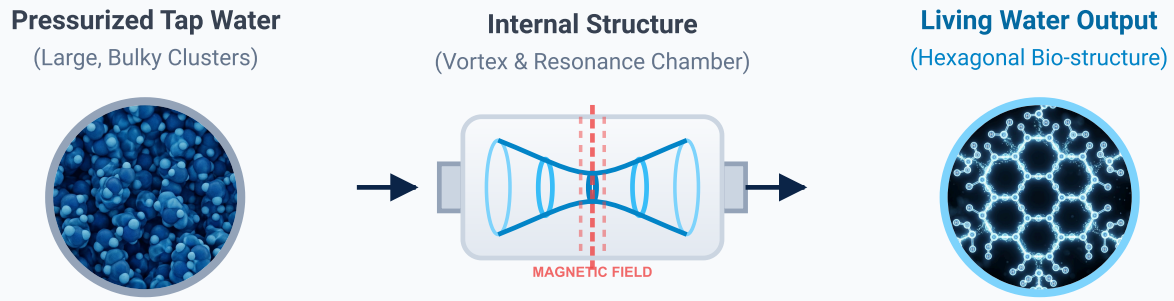
What is the Biophysical Importance of Water?

Water, the fundamental component of living organisms, makes up about 70% of the human body. Vital processes such as cell development, metabolic activities, and the removal of toxic wastes all depend on the cellular transport capacity of water. For water to fulfill these tasks perfectly, it depends not just on its chemical purity, but fundamentally on its physical structure and the quality of cellular energy it carries.

What is the Purpose of Water Revitalization (Wasserbelebung)?

Environmental factors, heavy chemical pollution, mechanical pressure in network pipes, and electromagnetic fields disrupt water's natural structure, causing it to lose its vitality. The water revitalization process is the method of restoring water's original, natural frequency structure and low surface tension utilizing modern hydrodynamic and magnetic technologies.

FIGURE 1: MULTI-STAGE VORTEX EFFECT INSIDE THE AQUA-VITALIZER



How Does the Process Work Inside the System?

Aqua-Vitalizer systems micro-copy the hydrodynamic processes of wild rivers in nature. As water passes through the device's special geometric chambers, it creates an intense vortex in a narrow space. During this flow, it filters through a magnetized resonance field and is structured by a patented "functional fluid" that does not directly contact the water. The revitalization process that requires kilometers of flow in nature happens permanently in seconds with this technology.

Water's "Memory Effect" and Erasing Pollutant Information

Water coming from the city network or underground wells carries an environmental "history". Even if it is physically and chemically cleaned through industrial filtering, chlorination, or reverse osmosis methods, water molecules continue to retain the frequencies of harmful substances within their macro-cluster structures like a memory. The revitalization process erases this stress memory by breaking down these old macro-clusters via mechanical vortices. Water regains its 60-degree hexagonal crystal form and maximum bioavailability.

What is the Concrete Difference of Using "Living Water"?

Living water is equivalent to the purity and molecular structure of high-altitude mountain spring waters. Because the surface tension of the water decreases, its passage through cell membranes becomes easier, and its hydration capacity significantly increases. It offers high digestibility when consumed as drinking water, and when used in technical installations, it maximizes the solvent and cleaning power of the water, drastically reducing the need for chemical additives.

Sectoral Application Areas and Physical Added Value

PRIVATE HOMES AND LIVING SPACES

- Supports metabolism and immunity at the cellular level.
- Leaves a noticeable softness and freshness on skin and hair.
- Extends the life of pipes by dissolving lime and corrosion in plumbing.
- Significantly reduces the consumption of detergents and cleaning materials.

HOTELS AND ACCOMMODATION FACILITIES

- Enhances the aroma of tea, coffee, and gastronomic meals.
- Increases guest satisfaction by softening water in bath areas.
- Reduces chemical consumption in dishwashers and washing machines.
- Prevents the formation of dullness and limescale spots on fixtures.

INDUSTRIAL PRODUCTION PROCESSES

- Stops machine wear and tear by structurally transforming lime in the water.
- Minimizes the formation of bacteria and biofilm in pipelines.
- Extends maintenance intervals for pumps and filters, lowering costs.
- Provides energy efficiency by preventing

SWIMMING POOLS AND SPA SYSTEMS

- Reduces the use of chlorine and chemical additives by up to 70%.
- Offers a non-irritating, skin and hair-friendly soft water environment.
- Balances the bacterial flora, providing hygienic and odorless water.
- Easily integrated after the filter system for quick

Industrial and Commercial Product Series Specifications

Weitz Wasserwelt produces completely non-electric, maintenance-free, and long-lasting equipment for different plumbing structures, flow rate requirements, and usage scenarios. Below are the technical specifications of the main product groups:

DEVICE / SYSTEM MODEL	MATERIAL AND INSTALLATION FEATURES
 **TYP A Series** Main Network & Production	**APPLICATION AREA:** Drinking water main supply lines, production processes, large pools. **CONNECTION & MATERIAL:** Food-grade, corrosion-resistant stainless steel flanged connection (2 inches and above) or externally threaded red brass (Rotguss) nipple. **FUNCTION:** Reduces system operational costs by washing away corrosion, lime, and biofilm.
 **TYP B Series** Closed Loop Systems	**APPLICATION AREA:** Heating and cooling circulation lines, irrigation, and well systems. **CONNECTION & MATERIAL:** Stainless steel. Externally threaded up to 1.5 inches, with flanged mounting options from 2 inches upwards. **FUNCTION:** Prevents sediment and corrosion in closed loops, maximizing heat transfer efficiency.
 **TYP C Series** Compact & Cosmetic	**APPLICATION AREA:** Domestic local points (showers, kitchens), beauty and cosmetics sector. **CONNECTION & MATERIAL:** Stainless steel body and internally threaded compact connection. **FUNCTION:** Supports skin health, increases cell regeneration, and enhances the deep effectiveness of care products.
 **Bleimäntel** Protective Armor / Shield	**APPLICATION AREA:** Installations located in areas with high electromagnetic pollution (e.g., near high voltage lines or server rooms). **CONNECTION & MATERIAL:** Lead alloy flexible isolation shield. Compatible with all device types. **FUNCTION:** Ensures continuous and optimal resonance by isolating the device from external electromagnetic frequencies.

Our Engineering and Sustainability Vision

Our goal is not only to physically transport water on an industrial and individual scale but also to improve its molecular biophysics, increasing the efficiency of plumbing and operations. Weitz