

## COMMERCIAL WATER CONDITIONER



Water conditioners provide a **sustainable, chemical-free** solution for preventing scale build-up, powered by advanced chemistry rather than traditional chemicals. Unlike salt-based softeners that remove calcium and magnesium through ion exchange, the water conditioners technology alters the state of these minerals, preventing them from adhering to pipes and surfaces while keeping their health benefits intact. This innovative approach eliminates the need for salt, energy consumption, and wastewater, offering a more environmentally friendly alternative. There are no consumables or ongoing maintenance required, ensuring hassle-free operation with no flow interruptions. Additionally, the system has a small installation footprint, requires no storage, and produces no waste or discharge.

The commercial water conditioner is a high-performance water conditioning system that combines magnetic and catalytic treatment technologies to improve water quality. Designed for both residential and commercial applications, it effectively **reduces limescale buildup**, prolongs the lifespan of water systems, and enhances energy efficiency. Made from corrosion-resistant stainless steel, it operates without power, chemicals, or maintenance, making it a sustainable and cost-effective solution. Following **WRAS guidelines** and compliance with Part L Building Regulations, it provides reliable water treatment for a wide range of industries.

Limescale build-up  
can increase the  
energy consumption  
of water-using  
equipment by up to  
**20%.**

### Features



**Dual Treatment Technology** – Combines magnetic and catalytic systems for enhanced water conditioning.



**Corrosion-Resistant Build** – Constructed from stainless steel with WRAS-approved components for durability.



**Long Lifespan** – Provides up to 20 years of service with a 10-year pro-rata warranty.



**Easy Installation** – Can be mounted horizontally or vertically without requiring maintenance.



**Energy and Cost Savings** – Reduces limescale buildup, leading to lower energy consumption and operational costs.



**Versatile Applications** – Suitable for homes, commercial buildings, maritime transport, agriculture, and more.



**Eco-Friendly Solution** – Operates without chemicals, power, or consumables, reducing environmental impact.



**Regulatory Compliance** – Meets WRAS standards and supports compliance with UK Part L Building Regulations.

FEATURE	SPECIFICATION
TECHNOLOGY	Catalytic water conditioner
POWER REQUIREMENT	None (operates without electricity)
CHEMICAL USE	None (chemical-free operation)
MAINTENANCE	No servicing required
LIFESPAN	10+ years
OPERATING PRESSURE	Up to 16 bar
MAXIMUM TEMPERATURE	85°C
CONNECTION SIZES	DN15 (½”) to DN100 (4”) BSP/NPT
FLOW RATE CAPACITY	Up to 90,000 litres per hour
MATERIAL	Stainless steel housing with a catalytic core
APPLICATION AREAS	Domestic, commercial, and industrial water systems
REGULATORY COMPLIANCE	WRAS Approved
INSTALLATION	Can be installed horizontally or vertically