

DOMESTIC 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 **Domestic Water Conditioner** is a catalytic water conditioner designed to prevent and reduce limescale build-up in heavy industrial applications. Operating without power, chemicals, or maintenance, it provides a cost-effective and eco-friendly solution for cooling towers, steam boilers, heat exchangers, and recirculating systems. With over 48 years of proven performance and 250,000+ installations worldwide, the unit features a stainless-steel housing and a catalytic semi-precious alloy core. Its versatile installation options, long lifespan of 15–25 years, and 10-year pro-rata warranty make it an ideal choice for improving system efficiency while reducing energy consumption and downtime.

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

Features



No Power or Chemicals Required – Operates without electricity, consumables, or wastewater.



Heavy-Duty Stainless-Steel Housing – Provides durability and corrosion resistance.



Prevents and Reduces Limescale Build-up – Extends the lifespan of heating and water systems.



Eco-Friendly Solution – Reduces energy consumption, carbon footprint, and operational costs.



WRAS-Approved Catalytic Alloy Core – Ensures safety and compliance with water regulations.



Versatile Applications – Can be mounted horizontally or vertically.



Maintenance-Free with No Servicing Needed – Provides hassle-free, long-term operation.



10-Year Pro-Rata Warranty – Ensures product longevity and reliability.

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 (typically lasts 15-25 years)
OPERATING PRESSURE	Up to 16 bar
MAXIMUM TEMPERATURE	120°C
CONNECTION SIZES	DN10 (3/8") to DN250 (10") BSP/NPT/PN16 Flanges
FLOW RATE CAPACITY	1 to 13,200 litres per minute (LPM)
MATERIAL	Stainless steel housing with a catalytic core
APPLICATIONS	Cooling towers, steam boilers, heat exchangers, reverse osmosis pre-treatment, industrial systems
REGULATORY COMPLIANCE	WRAS Approved (Approval No: 240102702)
INSTALLATION	Can be installed horizontally or vertically