

PWS &

INSTALLATIONS

Premier Water Solutions 10 Ltd



NH₄PO

WASTEWATER TREATMENT
PLANTS

THE FUTURE OF SMART WASTEWATER TREATMENT



Premier Water Solutions - NH₄PO Range

Smart, Low Nutrient, Low Energy and Carbon, Waste Water Treatment Plants

The NH₄PO Series from Premier Water Solutions is the new benchmark in sustainable wastewater treatment.

Designed for nutrient neutral catchments across the UK, these smart treatment plants combine ultra-low emissions, intelligent automation, and breakthrough technology to deliver outstanding environmental performance.

Whether for new housing developments, rural installations, or industrial projects, the NH₄PO range guarantees future-proof compliance with Natural England and Environment Agency requirements – without chemical dosing, phosphate pellets or compromise.

Why choose NH₄P0?

- Ultra-Clean Discharge: ammonia as low as 0.2mg/l and Phosphate down to 0.6mg/l
- Next-Gen Vertical Flow Labyrinth Technology: industry-first design for stable results under all conditions
- PLUS Smart Controller: each plant comes with the PLUS controller, automatically adjusting oxygen delivery to match flow conditions. Integrated GSM telemetry provides instant alerts to ensure peace of mind.
- Smart Automation: intelligent controls with electromagnetic valves optimise airflow and reduce running costs
- Sustainable by Design: manufactured in a BREEAM A+ facility, with low energy demand and minimal maintenance
- Resilient in Any Condition: handles fluctuating flows with ease, and can remain idle for up to 180 days without performance loss
- Low Operating Costs: no chemical dosing, no phosphate pellets, fewer desludge cycles
- Certified Compliance: fully accredited to BS EN 12566 standards
- Listed as a certified WWTP on the British Water's website for up to 50 PE and has the PIA certification

Built for tomorrow's challenges

The NH₄P0 range is engineered for the UK's strictest nutrient neutrality zones. With its combination of high nutrient removal, energy efficiency and long-term reliability, it's the ideal solution for:

- Housing developers needing guaranteed environmental approvals
- Engineers and consultants seeking low-maintenance, future-proof designs
- Installers looking for robust, easy-to-fit plants with outstanding reliability

Maintenance made simple

Unlike traditional systems, NH₄P0 plants require only:

- **Annual servicing** of the mechanical components
- **Annual or bi-annual desludging** depending on site conditions
- **No replacement of major components**

This means a **superior return on investment** — lower running costs, minimal downtime, and long-term reliability without hidden expenses.



Partner with us:

We're expanding our distribution network and seeking UK partners — drainage consultants, engineers, and installation specialists — to bring the NH₄P0 range to market.

Contact us to book a CPD Training session on the Vertical Flow Labyrinth (VFL) Technology or to receive a full brochure.

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