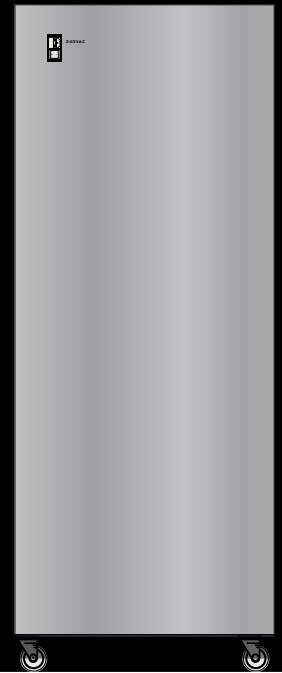
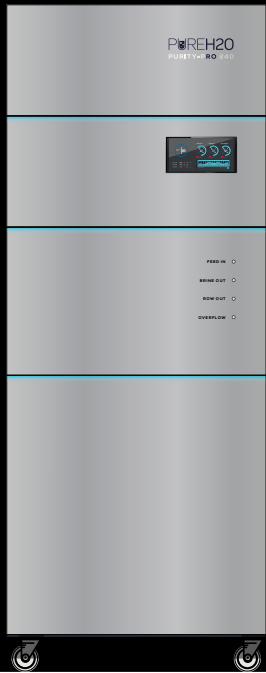


PURITYPRO™

HIGH RECOVERY REVERSE OSMOSIS SYSTEMS



PUREH2O™
PURE HEALTH AND INNOVATION

PRODUCING THE PUREST DRINKING WATER FOR RETAIL AND CULINARY APPLICATIONS

PurityPRO™

PurityPRO™ is a unique design for semi commercial RO applications. Integrated into one stainless steel frame the system can be wheeled into place, plugged in and commissioned without the need for pre filtration or storage tanks.

COMPACT DESIGN

Designed to fit through a standard door frame, just 700 x 700 x 1800 dimensions.

HIGHER PURITY

PurityPRO™ is designed with zero back pressure on membranes, the only way to achieve the highest level of purity at 98% throughout the active production time. Conventional RO design reduces product quality the minute a system is activated because of increasing back pressure from pressurised storage tanks. This causes an ever reducing rejection rate permitting and increasing level of impurities that seep through the membrane.

HIGHEST RECOVERY RATE

The unique design of PurityPRO™ recovers the brine passed in stage one and reprocesses it through a second stage RO. PurityPRO™ has the highest recover rate of any RO system.

CLEANER STORAGE

The Purified RO Water is stored in an integral

tank built from 316 Stainless Steel with Hepa Filter. Stainless steel is the best conduit for purified water maintaining the pure taste. The integrated tank design removes the problem of large cumbersome pressurised storage vessels reducing the space requirements significantly.

CONSTANT DELIVERY PRESSURE

Purity-PRO™ delivery is a constant pressure constant flow rate set to meet the user requirements.

PurityPRO™ RANGE SPECIFICATION

PurityPRO™ 120

Production rate: 120l/h

Dimensions: 240 x 550 x 400mm

PurityPRO™ 240

Production rate: 240l/h

Dimensions: 700 x 700 x 1700mm

PurityPRO™ 1000

Production rate: 1000l/h

Dimensions: 2000 x 800 x 1500mm

PurityPRO™ 2000

Production rate: 2000l/h

Dimensions: 2000 x 800 x 1700mm

SERVICES REQUIRED

Mains Cold Water: ½" lever ball valve located within 3m of installation

Drainage: Trapped upstand, located within 3m of installation

Power: Type 1 x 13amp double socket located within 3m of installation.

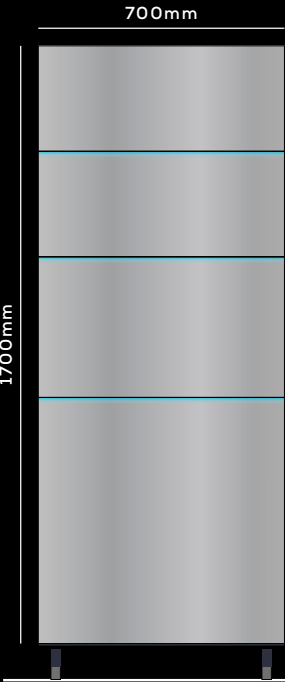
PurityPRO™ 240
High Recovery Reverse Osmosis



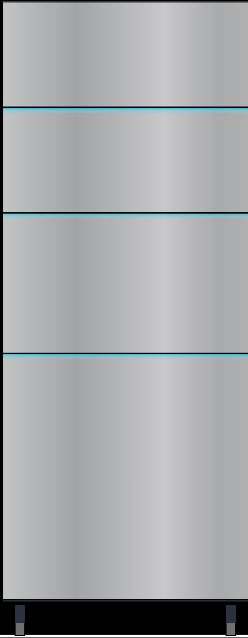
TOP



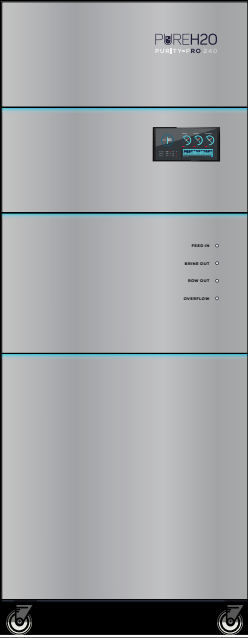
BACK



LEFT SIDE



RIGHT SIDE



FRONT

PURE GENIUS

For 3 decades PureH2O™ Ltd has partnered UK Health Food Retailers, Hotels and Restaurants to improve the quality of water used in commercial kitchen applications.

PureH2O™ is the purest and most natural form of drinking water on the planet. The benefits are not limited to the incredible taste and health but in making significant reductions to maintenance to appliances using water. Steam ovens, ice makers, boilers and coffee machines all suffer chronic failure from scale. PureH2O™ eliminates this damage and reduces downtime making it a cost effective addition to any store.

Join the #RefillRevolution.

Stores across the South have been encouraging customers to refill their bottles since 1991.

Our reusable co-branded glass and stainless steel bottles are an attractive and profitable feature for retailers and build brand loyalty into customers who can come back to refill without charge.

PureH2O™ pioneered and remain at the forefront of the movement to remove reduce plastic bottles from our environment use since 1991.

Isn't it time for you to join our **refill revolution™**?

"A purer and environmentally responsible answer to bottled water. We believe that PureH2O water is the healthiest drink on the planet delivering well-being and taste."

Roger Wiltshire
Director,
PureH2O Ltd.



SAVING THE ENVIRONMENT

Our sustainable alternative to plastic bottled water

PureH2O™ pioneered water refill stations. Some 28 years ago we initiated the concept of refill stations by installing pure water systems in health food shops.

465,000 (est.) bottles have been saved over a period of 20 years through Planet Organic retail stores in London

6,387,100 bottles saved every year by PureH2O customers.

35,000 bottles saved every year by a business customer in London with Pure Loop - our biosecure high volume system - and HydreauBar smart bottling station.

1,100,000 litres saved every year with our water delivery business alone, over a 20 year period.

#RefillRevolution

BIO-SECURE LOOP

Our PurityPRO™ Reverse Osmosis Systems offer an efficient means of removing the impurities that are ever present in tap water.

Our systems produce the safest possible purification, down to 0.0001microns, truly Pure Drinking Water.

The quality of PureH2O™ is actually comparable with water found naturally in lakes in Scotland and the Lake District where pollution is a fraction of that found in the South of the UK and less reliance on recycled water.

100% remove micro-organisms in their entirety leaving the water quality second to none.

99% removal of in-organics, heavy metals, ionic load and micro-organisms.

GAC cartridge filters are simple method of reducing chemicals and improving taste but offer no real protection. Most tap companies will offer 0.5 – 0.2 microns filters. At PureH2O™ we use this level of filtration as pre-treatment to our RO systems.

And, of course, these filter cartridges end up in landfill as they cannot be recycled.

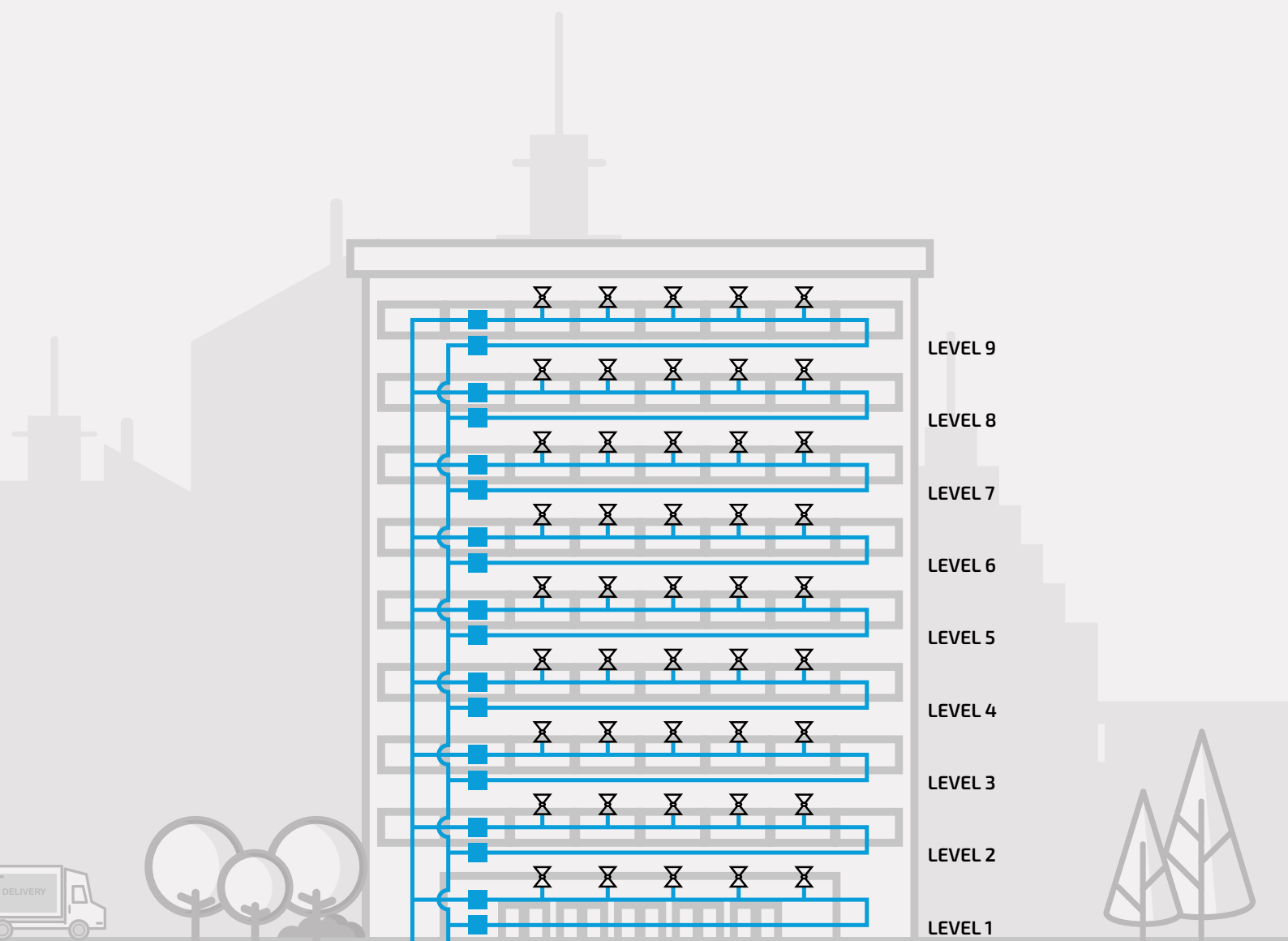
At PureH2O™ we strive for zero service waste in all our products.

The loop design ensures constant flow and pressure at each point of use on each floor, no matter the demand...



QUATREAU SMARTTAP™

The perfect dispensing partner with PurityPRO™



WATER SOURCE:

-  Rain water, or
-  Bore water, or
-  Mains feed

PURITY-PRO™
PLANT

KEY:  Control

 Point of Use (POU)

REVERSE OSMOSIS

Stage One: Granular Activated Carbon (GAC)

The Carb12 pre-filter removes chlorine and other organic impurities and serves to protect Stage Two, the Reverse Osmosis membrane, from damage.

GAC is an excellent media for the absorption of chemicals found in raw tap water but has little or no effect on dissolved solids, micro-organisms, heavy metals, pathogens and viruses.

Jug filters and filter taps use small quantities of GAC as the primary process to improve the taste of tap water. GAC is an effective filtration media rather than a purification process.

Stage Two: Reverse Osmosis (RO)

With the chlorine removed, the raw tap water passes into the Reverse Osmosis module. Our own patented thin film composite (TFC) membrane is the only RO with US Environmental Protection Agency (EPA) certification meaning this is the only RO system certified suitable for the removal of micro-organisms from water.

At 0.0001 microns it's capable of removing 100% of disease causing micro-organisms and up to 98% of inorganics and 70% of nitrates.

Our patented flushing mechanism removes scale and biofilm extending membrane life to up to ten years.

Optional Stage Three: Calcium

This is an optional stage in which we add a small quantity of calcium back to the RO water to balance the pH and for flavour. At approx. 25mg/ltr this should not affect coffee machines or boilers.

Stage Four: Granular Activated Carbon (GAC/UV)

The final stage, a post-filter 'polishing' process, ensures any residual taste and gases are removed whilst micro organisms are treated with Ultra Violet producing the purest best tasting water.

"Our RO equipment is unique, utilising high quality intelligent management system that minimises water usage and maximises purity"

RO ADVANTAGES

- Taste of pure water is so good that it encourages people to drink water in its purest form.
- Tea infuses perfectly when prepared with PureH2O™.
- The oily residue and scum that floats on the surface of tea made with tap water is both unsightly and detracts from the taste. These impurities are removed by the RO process, tea produced with PureH2O™ takes on a beautiful clear amber hue tasting clean and refreshing.
- Use PureH2O™ in your coffee machine for the perfect Arabica crema.

Other benefits

- Coffee machines are protected from scale build up that blocks the injectors
- Steam ovens remain spotlessly clean and free of scale
- Ice makers benefit from 20% increased production and no scale build up
- 98% removal of all contaminants means healthier water for your staff.



WATER EFFICIENCY

PurityPRO™

Our **PurityPRO™** systems are the most effective and water efficient products on the market.

Our High Recovery RO system integrated with our **Bio-Secure Loop™** provides complete water security protecting against accidental or deliberate contamination.

Intelligent management process that delivers consistent purity and the greatest level of water efficiency

SOURCES

PurityPRO™ can take a multiple of feed water sources that do not have to be potable supplies. Rain Water, bore water or a mix of sources can be used as feed water.

PRE-TREATMENT

The **UForce™** Pre-Treatment system removes all traces of micro-organisms and turbidity in pre-treatment whilst the **HRS-RO™** stage remove ionic load

BIO-SECURE LOOP™

The **Bio-Secure Loop™** constantly polishes the quality of water throughout the building.

QUALITY

Our loops are all 316 stainless steel compliant with WRAS

WARRANTY

We offer a 3 year warranty on all **PurityPRO™** models subject to service agreement. Service intervals are annual with bi-annual inspections.

RECYCLE

We recycle all our older equipment in a responsible manner.

SERVICE SUPPORT

We pride ourselves on service and our technical team are trained in the techniques of reverse osmosis making them the most highly trained team in the UK.

They understand and take pride in the installation and service techniques required to maintain purity of the water produced.

PurityPRO™ 2000 (right)
2 cubic metres/hour system



HYDREAU BAR-1™

WASH STATION

- Simultaneously sterilises and fills multiple bottles
- Eliminates pathogens and microbes on internal surfaces (not achieved from washing alone)
- Zero water waste using the PureH2O™ unique process

FILL STATION

- Automatically fills multiple bottles
- Auto shut off
- Individual bottle recognition to comply with weights and measures regulations
- Choice of two waters; chilled and sparkling

GO PURE

Install the **PurityPRO™** purification system from PureH2O™ for the ultimate quality of water throughout. Purer than all bottled water brands - guaranteed!

INTEGRATION

PureH2O™ systems connect to:

- steam ovens to eliminate any scale induced breakdown or degradation
- boiler equipment to eliminate scale induced breakdown and degradation
- coffee machines for the perfect arabica crema, better tasting coffee and to eliminate scale induced breakdown and degradation
- ice machines for 20% more ice production and purer ice
- HydreauBar™ smart bottling station for pure water

PRODUCTION RATES

50-120 litre/hr at circa. 4C-7C

SERVICES REQUIRED

- 2 x double 13amp sockets
- Trapped waste
- Isolated ½" (15mm) mains cold water supply

ANNUAL SERVICE

Quarterly, biannual or annual service agreement dependent on usage

EXTENDED WARRANTY

Subject to Service Agreement, warranty may be extended annually

HYDREAU BAR-1™ right

Integrates seamlessly with PurityPRO™ for retailers wishing to offer pure water as a refill service to their customers.

[#JoinTheRefillRevolution.](#)



PUREH2O CASE STUDIES

Planet Organic choose our systems throughout their healthfood supermarkets in England and encourage their clients to refill their bottles free of charge at the dispensers we have installed. All coffee, and food prep benefits from PureH2O™.

Raymond Blanc was so impressed by the quality of PureH2O™ that he chose to install our purifiers at **Le Manoir aux Quat'Saisons** in Oxfordshire where all his food, teas and coffee are prepared using PureH2O.

Investec choose to use our **PURITYPRO™** system installed with PureH2O™ Bio-Secure Loop for their new offices in London. Connected to the kitchens, coffee machines steam ovens and our

Quatreau® multi function tap systems providing the best quality drinking water throughout.

Richard Young, General Manager at **Great Fosters Hotel** reports "Food and beverage are of paramount importance and are reflected in our overall reputation. I was amazed at the difference that the quality of water could bring to many of our services. Our own brand bottled water is now truly pure and tastes great. Our tea and coffee look clear and more appealing than ever before and with no unsightly residue floating on the surface as so often happens with tap and filtered water. The ice is crystal clear and guests regularly comment on the clarity. The steam ovens also use pure water and I'm told that pure

water helps to retain more of the nutritional value of food so our guests can enjoy the great food whilst benefiting from increased nutritional value!

I have no hesitation in recommending PureH2O™ Ltd and would say that pure water is a must for all reputable quality establishments."

"PureH2O have delivered a most remarkable product."

RICHARD YOUNG,
MANAGING DIRECTOR
Great Fosters Hotel



ABOVE Le Manoir aux Quat'Saisons



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