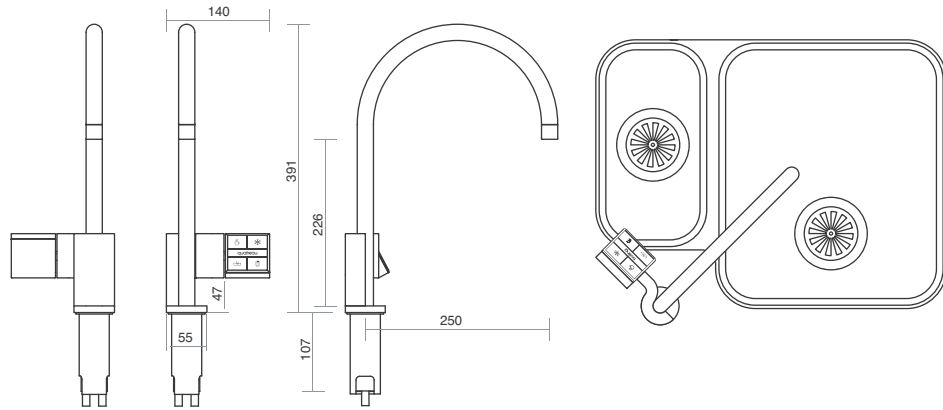


ABOVE SINK TECHNICAL



Quatreau tap

Quatreau Tap Systems are built upon a versatile modular system which allows installation to be customised to individual users and sites.

Quatreau is designed, manufactured and assembled in Great Britain from solid stainless steel components.

Finishing is also UK based and available in brushed or polished stainless steel.

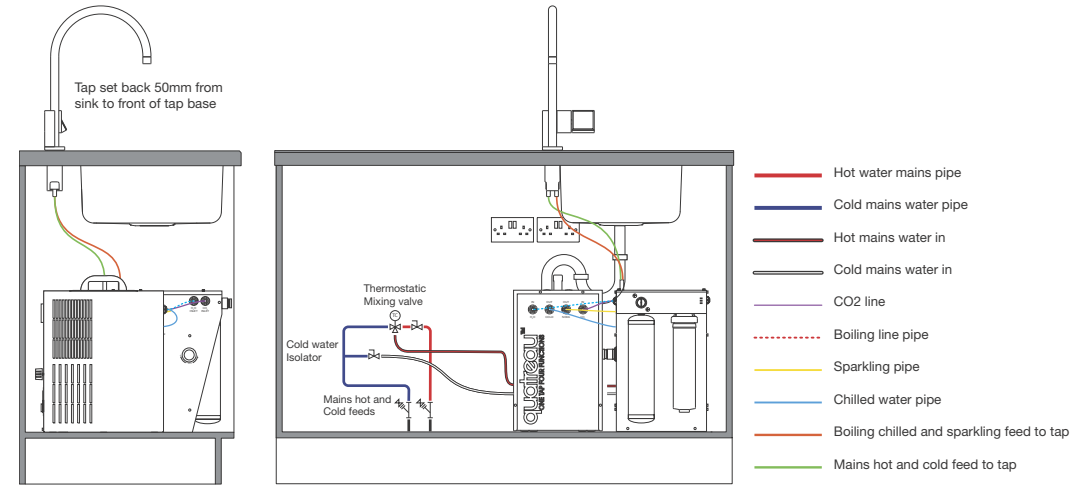
Technical details

- 250mm reach
- 140mm wing
- 391mm height

Site preparation

There should be a 40mm hole created in the worktop positioned 50mm from the sink edge.

BELOW SINK TECHNICAL



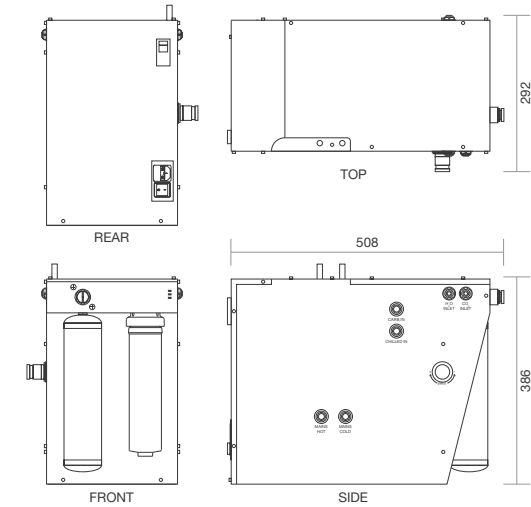
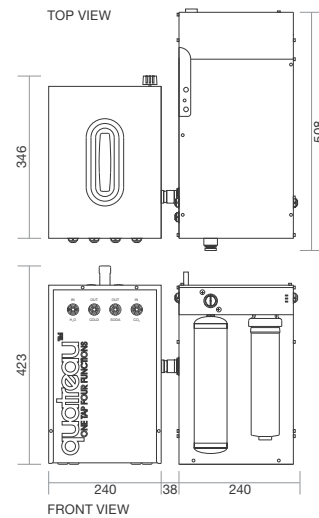
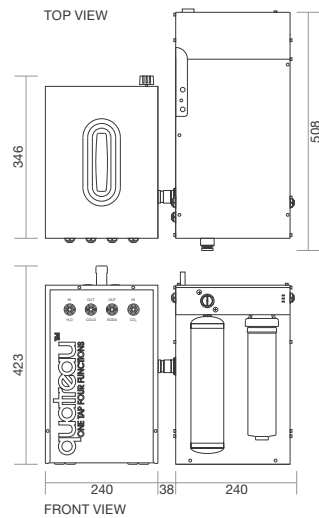
The Hydrocell subsink system

Hydrocell is the compact subsink system delivering filtered boiling, chilled and sparkling water, on demand, as well as thermostatically controlled mains hot and cold tap water.

Hydrocell is fitted with twin multi-media filters that can be changed to suit local water conditions;

- Granular Activated Carbon (GAC) for removal of chemicals including chlorine, organics, pesticides and herbicides.
- GAC and scale inhibitor for effective treatment against limescale.
- Spun polypropylene sediment/particle filtration

Easy to install and easy to replace filters and CO2, Hydrocell is connected to the mains hot and cold supply and can also take a feed from our patented RODI system.



HYDROCELL 551BCS

- ✓ Thermostatically controlled hot mains water
- ✓ Cold mains water
- ✓ Filtered boiling
- ✓ Filtered chilled
- ✓ Filtered sparkling

Technical details

- Boiler - 2.4Kw 150 cups per hour
- Chiller - 2ltr storage below 10°C
- Carbonated - 1ltr storage below 10°C
- Stage 1 filter
- Stage 2 filter
- Carbon dioxide module
- Stainless steel construction
- 551 - 292(w) x 508(l) x 386(h) mm
- H551CS - 240(w) x 346(l) x 423(h) mm

Site preparation

- 1 x 13 amp double socket
- Template will be provided for tap cut out.
- Ventilation recommended trickle vent at top of cupboard

HYDROCELL 551BC

- ✓ Thermostatically controlled hot mains water
- ✓ Cold mains water
- ✓ Filtered boiling
- ✓ Filtered chilled
- ✗ Filtered sparkling

Technical details

- Boiler - 2.4Kw 150 cups per hour
- Chiller - 2ltr storage below 10°C
- Stage 1 filter
- Stage 2 filter
- Stainless steel construction
- 551 - 292(w) x 508(l) x 386(h) mm
- H551CS - 240(w) x 346(l) x 423(h) mm

Site preparation

- 1 x 13 amp double socket
- Template will be provided for tap cut out.
- Ventilation recommended trickle vent at top of cupboard

HYDROCELL 551B

- ✓ Thermostatically controlled hot mains water
- ✓ Cold mains water
- ✓ Filtered boiling
- ✗ Filtered chilled
- ✗ Filtered sparkling

Technical details

- Boiler - 2.4Kw 150 cups per hour
- Stage 1 filter
- Stage 2 filter
- Carbon dioxide module
- Stainless steel construction
- 551 - 292(w) x 508(l) x 386(h) mm

Site preparation

- 1 x 13 amp double socket
- Template will be provided for tap cut out.
- Ventilation recommended trickle vent at top of cupboard

RODI PURER THAN BOTTLED WATER

Our health has never been more important to us and the purity of the water we drink each day is paramount. Bottled water is not the best option, nor is it pure. One only has to look at the analysis on the bottle label to see the level of impurities.

We supply, install and maintain RODI drinking water systems, the world's most advanced purifiers - taking water back to its natural healthy state. This patented RODI (Reverse Osmosis with De-ionisation) process removes 99.99% of all contaminants found in tap water to produce the purest, and in our opinion, the healthiest drinking water. It is purer than bottled water and with a 95% lower carbon footprint you can feel good about using a product that is environmentally sound.

Making RODI the source of drinking water in your home means an end to the inconvenience of bottled water and its associated waste. Better still, you'll love the taste and will be able to prepare food and cook knowing that there are absolutely no contaminants.

The RODI process removes all hard water scale from tap water thereby protecting your **Quatreau** and **Hydrocell** appliances. Boilers in particular are prone to heavy scaling. RODI eliminates this degradation maintaining efficiency and longevity - we guarantee it!

Why RODI?

Removal capacity

Reverse Osmosis is by itself an excellent method for removal of impurities. It has the capacity to remove up to 70% of nitrates, 96% of lead, 98% of heavy metals, 98% of chemicals, 100% disease causing micro-organisms, pathogens and viruses if controlled by an intelligent system.

Our unique process couples RO to DI with intelligent controls, achieving 99.99% purity across the spectrum of impurities, both naturally occurring and man-made.

Lower service costs

The patented RODI process is the only system that incorporates a unique auto-flushing mechanism to remove the build up of plaque from the membrane. This feature helps our membranes to last up to ten times the lifespan of other RO systems. This could mean a saving of over £1000 on membrane replacement over a period of ten years. Ask about our service commitment and free extended warranty.

Consistent 99.99% purity

The patented RODI process is the only system benefitting from integral micro switches for total isolation from mains water when the storage tank is full. It is essential that the RO membrane is separated from mains water pressure when the tank is full. Without this function impurities bleed through to the 'pure' storage. The unique management system used with RODI ensures purity is kept to the highest level possible.

Water efficiency

We are the only company to have achieved such high levels of water efficiency in our domestic systems. Our RO process achieves 2:1 production ratio whilst RODI achieves 3:1.

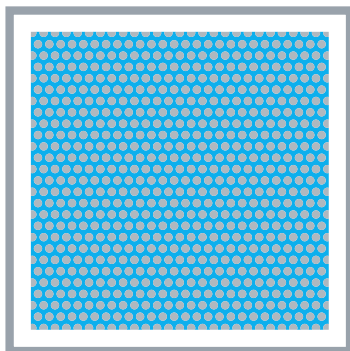
Other RO systems use basic mechanical valves resulting in lower levels of water efficiency.

Our RODI equipment is unique, utilising high quality micro switches and an intelligent management system that minimises water usage and maximises purity.

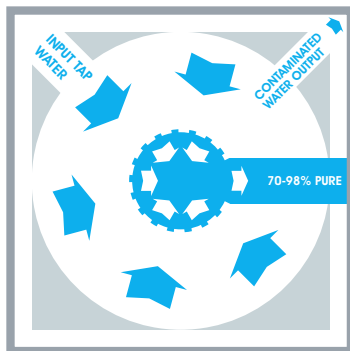


Aqualite RODI water system
A purer and environmentally responsible
answer to bottled water

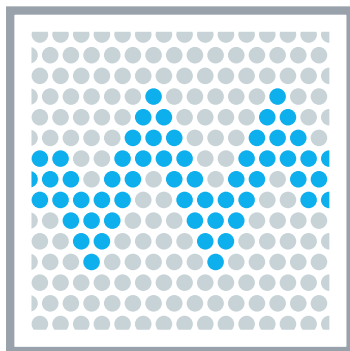
THE PATENTED RODI PROCESS



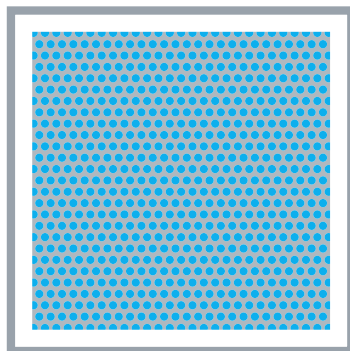
MEMBRANE



MEMBRANE



MEMBRANE



Stage 1

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 2

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 is 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.

Stage 3

De-Ionisation (DI)

Another unique and essential feature of our patented system is the de-ionisation module. The impurities that breach RO can only be removed by DI. This stage is an ion exchange process removing heavy metals, nitrates¹, gases, volatile organic chemicals² and oestrogens, replacing them with hydroxide (OH) or hydrogen (H), better known to us as H₂O. The result is Pure H₂O, the purest water available.

¹ Nitrates have a habit of mimicking oestrogen and starving the red blood cells of oxygen. They should be removed from drinking water.

² Nitrates and volatile organic chemicals hide the hydrogen bond of the water molecule that makes them invisible, thus, passing through RO but not DI stages.

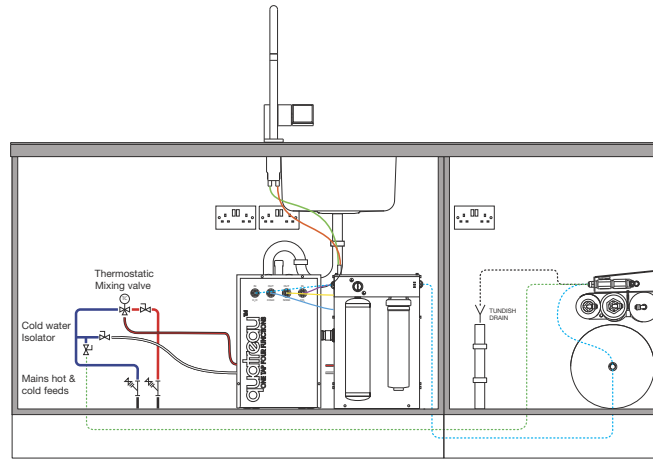
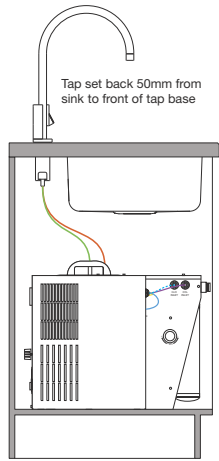
Stage 4

Granular Activated Carbon (GAC)

The final stage, a post-filter 'polishing' process, ensures any residual gases are removed producing a great taste.

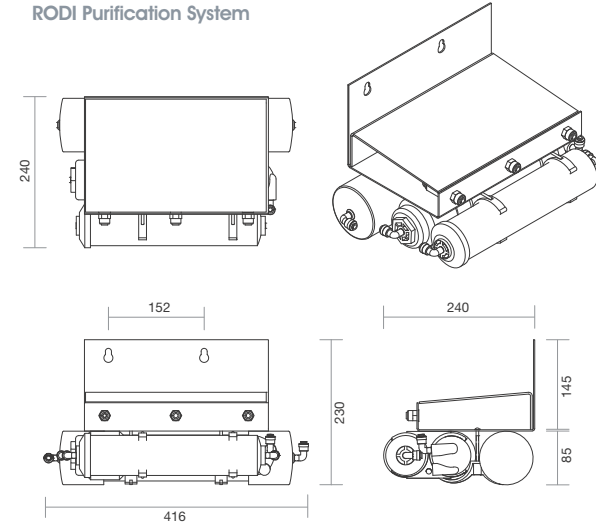


RODI WATER TECHNICAL



- Hot water mains pipe
- Cold mains water pipe
- Pure H2O water pipe
- Cold mains water feed to purifier
- Hot mains water in
- Cold mains water in
- CO2 line
- Boiling line pipe
- Sparkling pipe
- Chilled water pipe
- Boiling chilled and sparkling feed to tap
- Mains hot and cold feed to tap

RODI Purification System



RODI water purification system

Our most advanced RODI system and technologically the world's leading drinking water system. With its rapid fill system the system can be connected to other kitchen appliances including steam ovens, fridges, ice makers, coffee machines and our **Quatreau** touch-sensitive tap system. The RODI system will help ensure your appliances never scale up and ice will be crystal clear with no cloud or sediment.

Site preparation

- Isolated mains cold (15mm)
- Trapped drain with upstand or connection can be made to trapped drain on sink
- Powerpoint 13A

Removal rates

- 99.99% micro-organisms
- 99.99% organics
- 99.99% heavy metals
- 99.99% lead
- 99.99% nitrates

Patented autoflush

For prolonged membrane life ten years longer than standard RO systems.

Patented micro switch deactivation

The only RO system that accurately deactivates and reactivates in line with optimum tank pressure resulting in higher levels of purity and consistent production rates.

Patented coupling of DI to RO

DI effectively removes nitrates, VOCs, gases and other impurities that RO cannot effectively remove.

Patented anti-bleed mechanism

Effectively minimises impurities breaching the RO stage.