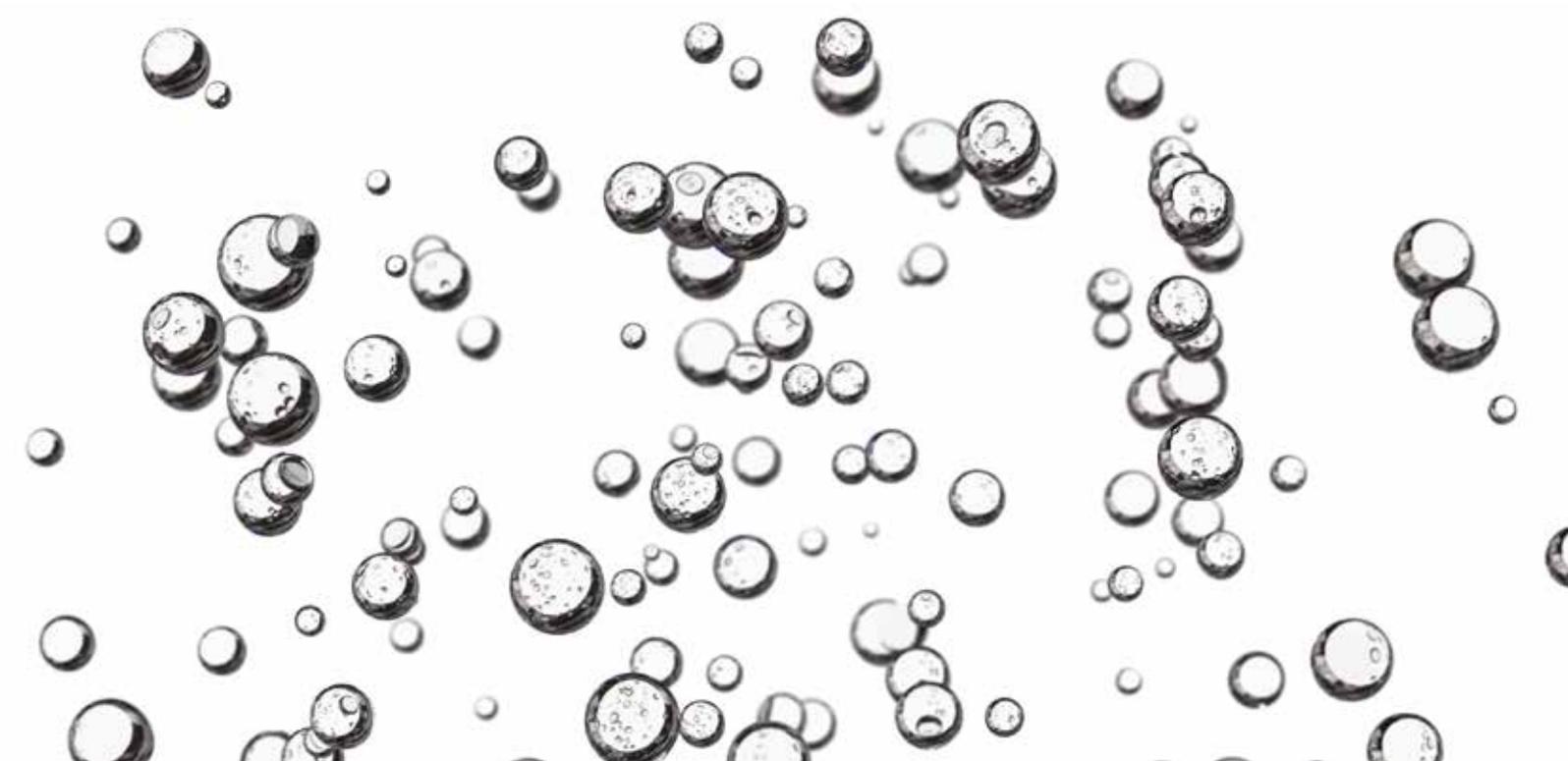


HYDRON
hydrogen water





The hydrogen revolution

Hydrogen is all around

It is the lightest of all the elements and the most abundant in our universe. Together with other elements including oxygen, carbon and nitrogen it surrounds our everyday lives.

However, we are also exposed to highly oxidative chemicals on a daily basis. These can lead to premature ageing and deterioration of the body.

Introducing the Hydron

Our ingenious appliance produces hydrogen-enriched water, full of antioxidants, designed to help contribute to a healthier lifestyle.

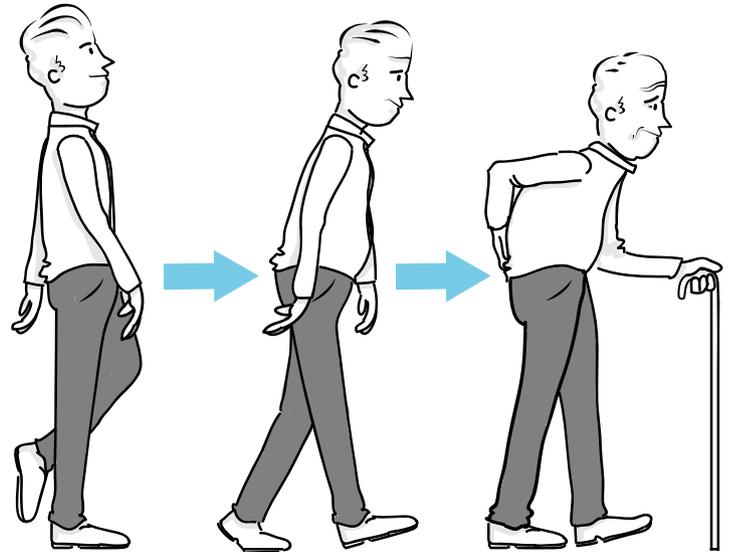
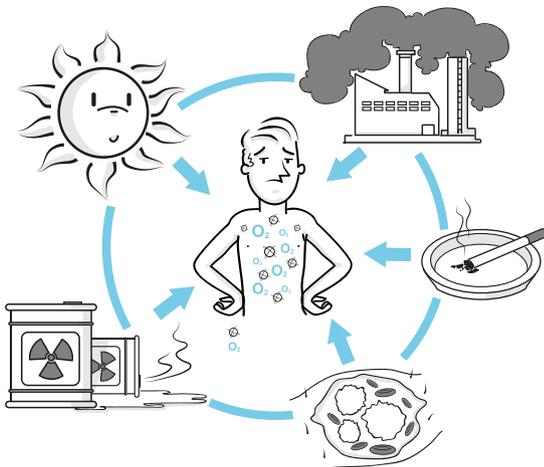


Hydrogen-enriched water can help to counteract damage caused by free radicals.

What are free radicals?

Just by living our bodies are under constant oxidative stress.

Electrons like to be in pairs, so after oxygen has been split into single atoms in the body, free radicals are generated. These free radicals search the body for other electrons to pair with, resulting in damage to cells, proteins and DNA.

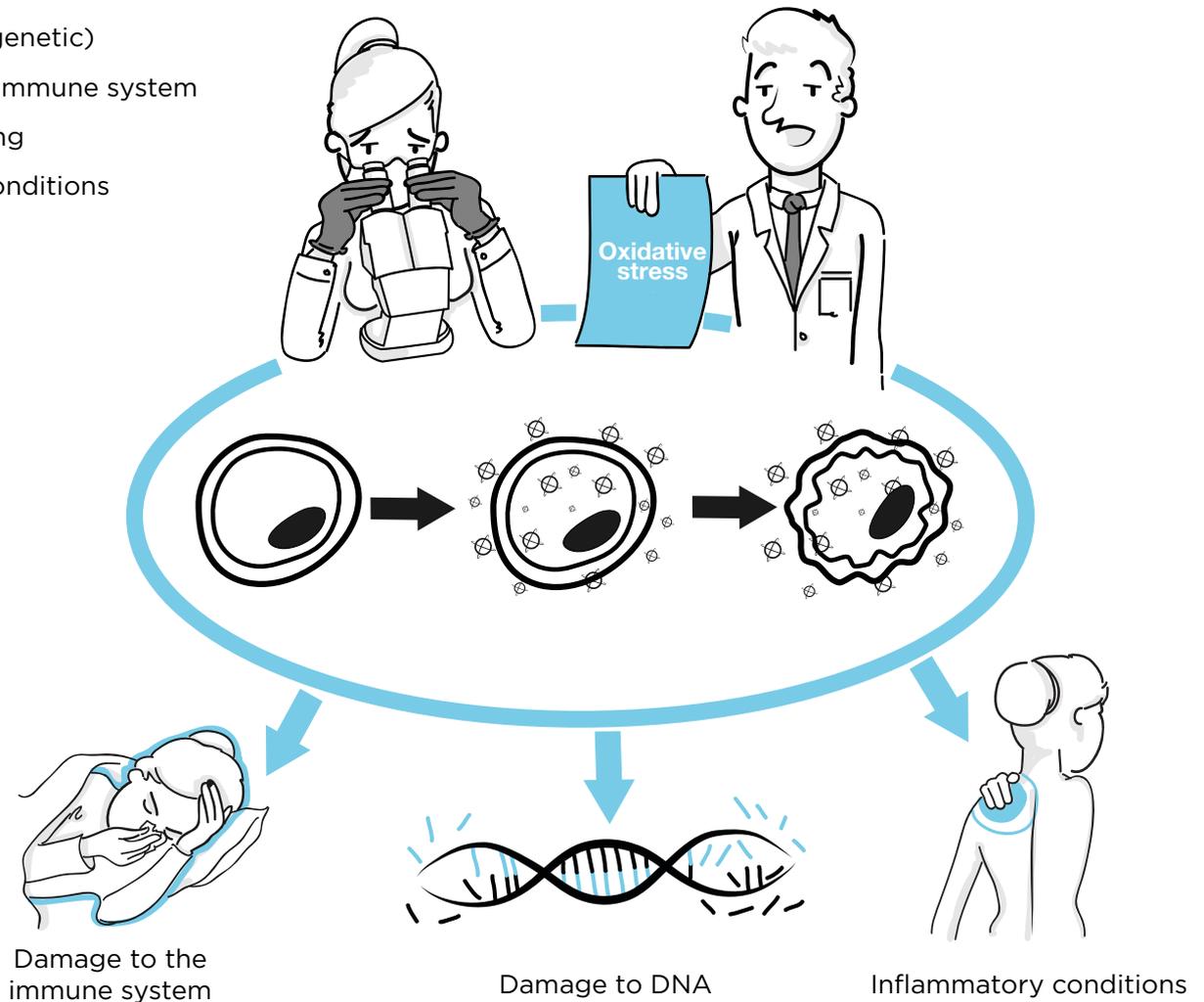


Why do they occur?

- Smoking
- Atmospheric pollution
- Inflammation
- UV radiation and Ionising radiation

What damage can they do?

- DNA damage (genetic)
- Damage to the immune system
- Premature ageing
- Inflammatory conditions



According to numerous studies, consuming hydrogenated water can help to improve more than 175 conditions including:

Wrinkles

Cystitis

Recovery from
smoke inhalation.

Gastric ulcer

Ulcerative colitis

Erectile dysfunction

Osteoporosis

Muscle fatigue

Metabolic acidosis

Asthma

Neonatal hypoxia

Carbon monoxide
poisoning

Sperm mobility

Fibromyalgia

The antioxidant power of 1.5 L of hydrogenated water is equivalent to consuming:



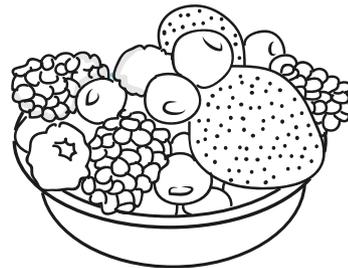
40 Carrots



500 Apples



700 Bananas



Everything you need to know about Hydron

What are the benefits of drinking hydrogen-rich water?

The antioxidant properties counteract damage caused by free radicals.

How much water should we drink every day?

It is recommended that you drink 1 - 3 litres per day on an empty stomach and between meals.

Is it suitable for use when cooking?

It can be used when cooking. However, when heated, the water will quickly lose hydrogen and all its antioxidant properties, therefore it is not recommended.

Can hydrogen be consumed in excess?

No, Hydrogen evaporates over time and is expelled through the airway.

Can I use Hydron to hydrogenate any type of water?

No, only very good quality water can be put into a Hydron.

Can I use Hydron to hydrogenate milk or other liquids?

No, this would break the Hydron.

Can I hydrogenate cold water?

Yes, it actually improves hydrogen solubility.

Can I store hydrogenated water in the fridge?

Yes, inside a stainless steel thermos flask with no air gap. Do not use any other type of container.

Does hydrogenated water taste different?

No, the taste and odour remain the same.

Is Hydron a water purifier?

No, you must use water suitable for human consumption with a very low mineralisation.

How long does it take for hydrogen to evaporate from hydrogenated water?

1 - 2 hours in an open container. Or, several days when stored in a fridge inside a stainless thermos flask with no air gap.

Is there any contraindication to its consumption?

There is no contraindication to the consumption of hydrogenated water.

Can hydrogen replace other antioxidants?

It is recommended to supplement the antioxidant effects of hydrogen with a balanced diet.

Is hydrogen safe?

It is considered a food additive in the EU and it has been approved by the FDA. The human body also produces hydrogen during fermentation in the large intestine.

When were its benefits discovered for the first time?

Records show that since 1798, hydrogen has been used for its anti-inflammatory properties.

Versatile and functional

Hydron has been designed to take up as little space as possible in the kitchen. There are multiple installation options available guaranteed to meet your needs.

Worktop installation

Option A

Hydron can be installed on your kitchen worktop then connected to a high quality water network or a reverse osmosis filtration system.

Option B

Hydron can also be installed with an electrical connection and a hydraulic supply with a 3-litre glass bottle. This water can be reverse osmosis water or bottled water with a very low mineralisation content. This means your hydrogen-rich water (hydrogenated water) will be available on demand.

For this type of installation, you must purchase the bottle kit model.

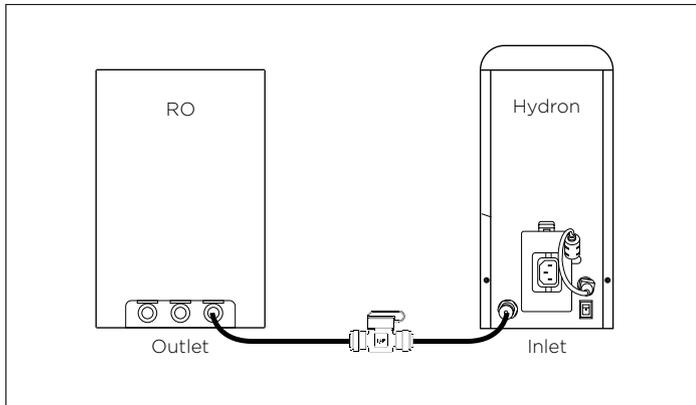
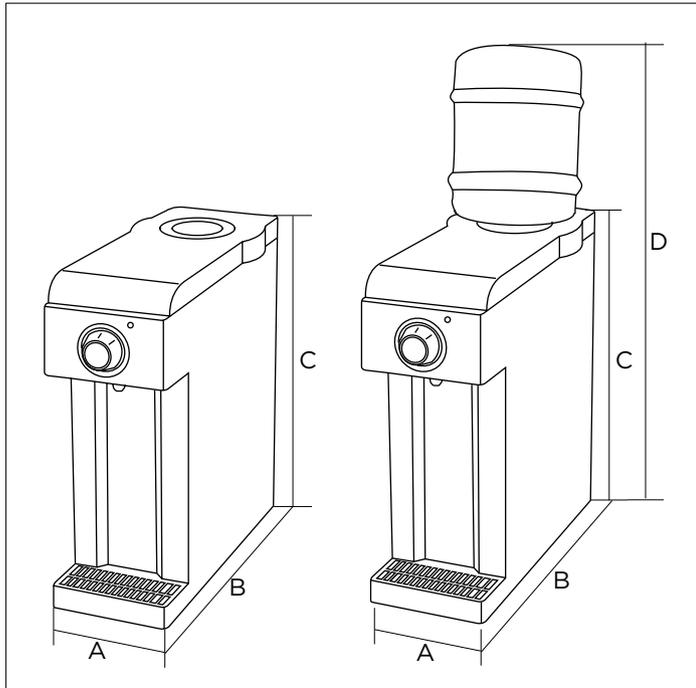


Below the worktop installation

Hydron can be installed underneath your kitchen worktop.

Enjoy Hydron and reverse osmosis water from your 1, 2, 3 or 4-way tap. This means you will have access to hydrogen-rich, reverse osmosis hot or cold water according to the tap you choose.





Technical Specifications

Dimensions

A x B x C: 148 mm x 360 mm x 360 mm

D (worktop installation only): 575 mm

Weight 4.5 kg (empty)

Power supply DC 24 V / 5 A

Working pressure 1 bar-5 bar

Working temperature 5°C - 35°C

TDS 10 ppm-150 ppm

Maximum hardness < 10°HF

Chlorine-free

Concentration of H² 800 - 1200 ppb*

ORP > -400*

*In function of the characteristics of the water to be treated.

Features

- | | |
|---|--|
| <ul style="list-style-type: none">  H² Hydrogen enriched  ORP Oxidation reduction potential (ORP)  Multiple installation options | <ul style="list-style-type: none">  Easy to maintain  Does not treat tap water  Treats filtered / RO / mineral water |
|---|--|

Research and development

Hydron has been awarded various prizes at international exhibitions.



Silver Medal
International Exhibition of Inventions, Geneva 2015



Bronze Medal
Seoul International Invention Fair, 2015.

Not all hydrogenators are real hydrogenators

The market has seen an increase in products which promise to generate hydrogen and negative ORP, however, these systems have been designed with ceramic balls and other filter media whose content and manufacture is unknown. Therefore, they cannot justify compliance with applicable legal requirements. Filter media used in water treatment is defined and regulated in Royal Decree 140/2003.

Hydron produces hydrogen via the same electro-chemical system that has been used in the industry for years. This system does not contain any filter

media to generate hydrogen and reduce the redox potential.

Hydron complies with all the requirements of the standard UNE 149101 'Water conditioning equipment inside buildings. Validation of equipment used in the treatment of drinking water in the interior of buildings', which demonstrates compliance with the legal requirements established by Royal Decree 140/2003, February 7th, establishing the health criteria of water quality for human consumption, after being tested by independent laboratories.

HYDRON

hydrogen water

www.hydron.eu



Puricom Water Industrial Corporation and Ionfilter (B-60326279) are members of the Water Quality Association.



The quality system of Ionfilter (B-60326279) for the marketing and assembling of water treatment equipment is certified and fulfils the requirements of the norm UNE-ISO-9001.



Puricom Europe belongs to Aqua Spain's group, member of Aqua Europe (European national associations federation).