



PUROTAP micro

by ELYSATOR™

The unit for demineralised water, correct top-up of the heating system and general household use.

- convenient
- ecological

- reliable
- simple



IT'S NEVER BEEN EASIER – H₂O FOR HEATING AND HOUSEHOLD

swiss made 



The best water for your needs

PUROTAP® micro filters mineral salts out of tap water to provide demineralised water for a heating system and general household use. The convenient wall mounted unit enables access to distillate-quality water at any time, be it for topping up the heating water, for cleaning windows or cars, for use in the iron or as aquarium water.



Water-filled systems, such as heating and cooling systems, power plants, industrial installations and ship engines, place high demands on water quality. Tap water contains minerals, salts and gases that lead to deposits of sludge, limescale and rust in water-filled systems. Tap water must be filtered until it is suitable for the required technical application. In terms of its chemical and physical properties, treated water for technical purposes must comply with the technical standards established by manufacturers, engineers and professional associations.

Standards for heating water

According to current VDI and SWKI standards, fill water for heating systems should be pretreated to prevent the formation of mineral deposits. Practical experience has shown that even water with low water hardness can produce limescale deposits that may damage modern appliances such as wall mounted gas boilers, heat pumps and solar thermal systems. The larger the system's water content (e.g. cylinders), the more limescale introduced by the fill water. Water with a hardness of 30°fH (17°dH) produces 300 grams of limescale for each cubic metre of water. For a system in a detached house with 350 litres of water, this is still about 100 grams, more than enough to disable a modern high performance heat exchanger. Demineralised water is stipulated for filling heating systems by leading boiler manufacturers and by the Swiss Society of Building Technology Engineers.

MAIN APPLICATIONS

Install the PUROTAP® micro wall mounted unit in the utility room for access to demineralised water at any time. The cartridge filters limescale and corrosive substances such as sulphates, nitrates and chlorides out of the fill water and provides demineralised, fully desalinated water.

Due to its purity, demineralised water is suitable for various applications. You can remove the cartridge from the wall mounting bracket and simply attach it to any commercially available garden hose, using a click-fit system.

The connection is compatible with Gardena, Kärcher and other common suppliers.



Heating water

According to European standards, water for filling and topping up heating systems should generally be demineralised. Practical experience has shown that, even at a low hardness level, limescale deposits can cause damage to modern appliances, such as wall mounted gas boilers, heat pumps and solar thermal systems.



Household

Failure to clean solar thermal systems can reduce their performance by as much as 20 %. Cleaning them with drinking water causes limescale deposits. Automatic cleaning with demineralised water achieves the best, safe results. You can also achieve streak-free results on window fronts, conservatories and cars without using cleaning agents. Further areas of application include irons, humidifiers, steamers, etc.

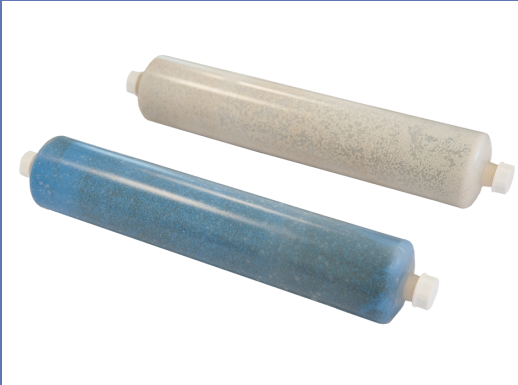


Aquariums

Recommended by pet shops as base and top-up water for special fish breeding. Please note: It is imperative that you consult the zoological specialist's instructions before use.

The throughput (l) depends on the salt content of the raw water. The higher the salt content, the lower the throughput. The service life of the filter cartridge depends on the contamination level of the raw water. Turbid materials, rust particles, organic contaminants, among others, shorten the service life of the filter membrane.

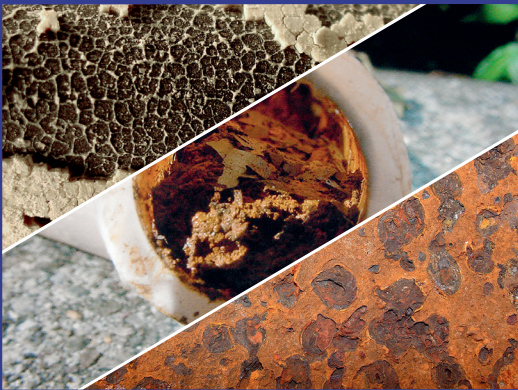
Not suitable for desalinating any other water sources except tap water from the drinking water supply. Do not subject to non-supervised, permanent pressure. Not suitable for permanent connection.



Colour change

The cartridge is spent once the resin within it changes from blue to pale grey/beige.

Replace the cartridge with a new PUROTAP® micro blue cartridge.



Consequences of non-demineralised tap water:

Tap water contains minerals, salts and gases that lead to deposits of sludge, limescale and rust in water-filled systems.

Good reasons for using the PUROTAP® micro wall mounted unit.

For the heating system:

- no rust
- no scaling
- no gases
- low conductivity
- complies with current standards (consumer protection)

For household use:

- environmentally responsible, efficient cleaning
- no manual drying required afterwards
- less cleaning agent required
- protects the environment and appliances



ELYSATOR 
engineering water