

Operating instructions
PUROTAP® micro
PUROTAP® micro blue

Installation
Function
Operation
Service



ELYSATOR 
engineering water

swiss made 

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1. Safety instructions



Must be supervised



Throughput max. 4 - 5 l/min



Not drinking water



Maximum 60 °C



Maximum 4 bar pressure @ 20 °C



Protect from direct sunlight



Do not open the cartridge



Household waste

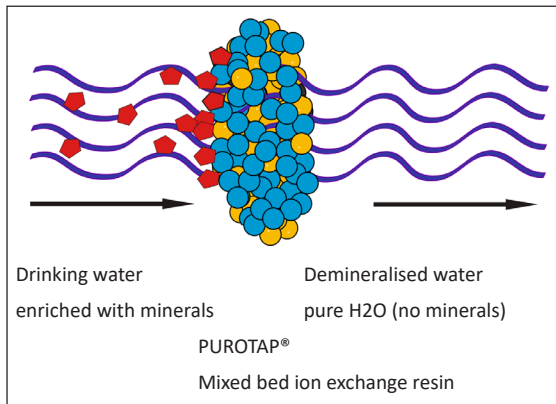


Recycling

2. Function

The PUROTAP® micro cartridge filters lime and aggressive substances, such as sulphates, nitrates and chlorides, out of the drinking water. PUROTAP® micro uses a mixed bed ion exchanger to provide demineralised, fully desalinated water, which is also referred to as distillate-like water. This method does not emit any chemical additives into the water and works without a power supply.

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



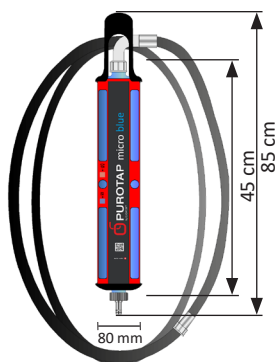
Blue = effective Beige = spent

3. Standard delivery

- PUROTAP® micro blue cartridge
- PUROTAP® micro wall mounting bracket
- Tube 4 m
- Operating instructions (printed on the inner side of the box)
- Bag of accessories containing 2 screws and 2 wall plugs

4. Specification

4.1. Dimensions



Cartridge weight: 1.5 kg
 Max. pressure, supervised, temporary: 4 bar @ 20 °C
 Max. temp., supervised, temporary: 60 °C
 Material: PS, PP
 Diameter: 80 mm

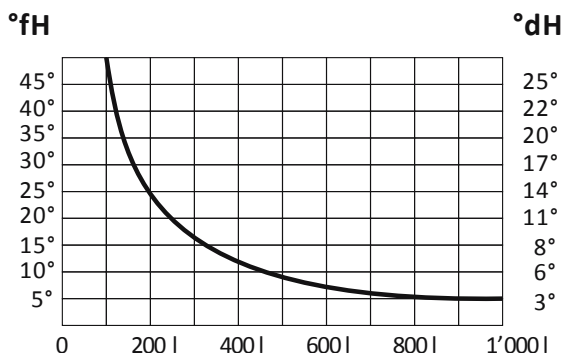
Disposal: Household waste



Recycling:



4.2. Performance data



The above table shows the capacity of a full desalination cartridge as a function of the total hardness of the fill water.

Example: at a hardness of 20 °fH/11 °dH, PUROTAP® micro delivers approximately 250 litres of fully desalinated water; at a hardness of 15 °fH/8 °dH, approximately 330 litres.

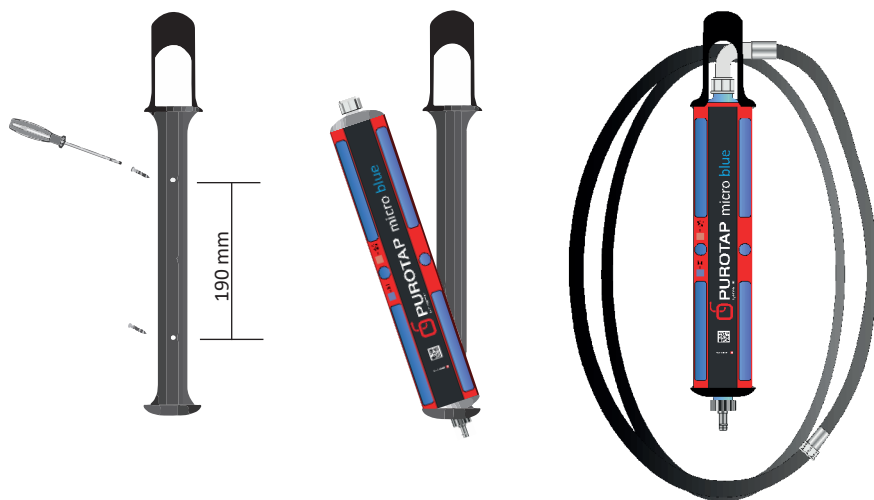
5. Installation

Using the wall mounting bracket, install the cartridge in a suitable position on the wall near a tap.

The tube can simply be wound round the cartridge mounting bracket.

The direction of flow is not important at this stage. Once selected, however, it should not be changed until the resin is spent (beige).

When changing the cartridge, the connector including rubber membrane (drip guard) must be dismantled from the spent cartridge and refitted to the new one.



Drilled hole: $\varnothing$ 6 mm

5.1. Applications

5.1.1. Refilling the heating system

According to European standards, water for filling heating systems should 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. Demineralised water from the PUROTAP® micro contains almost no minerals. Its electrical conductivity is extremely low, allowing it to act as a corrosion inhibitor.



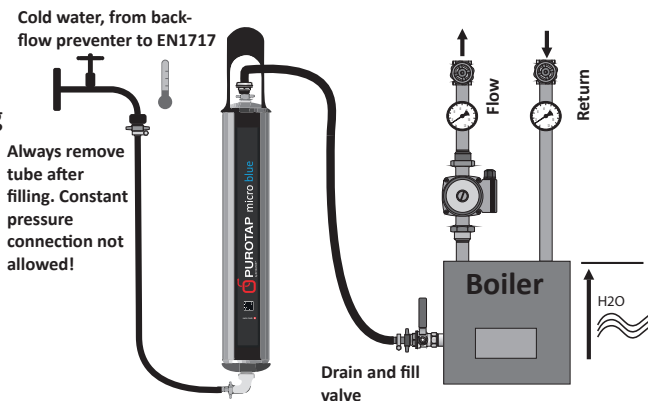
Manufacturer and supplier information and instructions on the use of demineralised water (fully desalinated water) must be complied with and take precedence at all times.

PUROTAP® micro complies with the following standards and guidelines:

- EN 12828
- VDI Guideline 2035
- SWKI BT 102-01
- ÖNORM 5195-1
- DIN 50930

Cold water, from back-flow preventer to EN1717

Always remove tube after filling. Constant pressure connection not allowed!

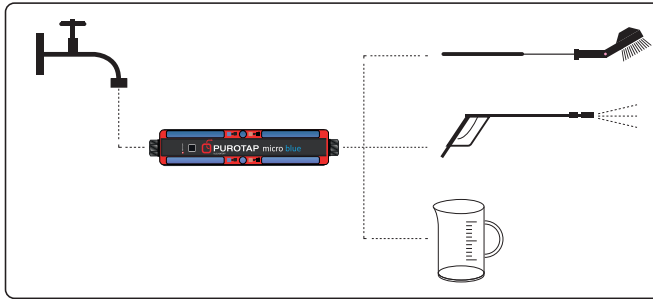


For use as a refill unit for heating systems that are not under constant pressure.

5.1.2. Additional applications

Due to its purity, demineralised water is suitable for various household applications. You can remove the cartridge from the wall mounting bracket and

simply attach it to any commercially available garden hose. Please note that the cartridge must be monitored at all times in this scenario and must not be constantly subjected to water pressure.



6. Commissioning

- Simply connect to a drinking water line (≤ 4 bar) and you're done!
- Throughput max. 5 l/min.
- Do not permanently connect the cartridge to a pressure line.
- Rinse the cartridge briefly before each use if it has not been used for a long period of time, to prevent algal and bacterial growth.

7. Maintenance

This device does not require any maintenance.

8. Spare parts

Item no.	Designation
101 834	PUROTAP® micro & mini PVC polyflex tube 4 m
101 197	PUROTAP® micro blue, replacement cartridge
101 244	PUROTAP® micro, wall mounting bracket for wall mounted unit

9. Consumables

Item no.	Designation
101 197	PUROTAP® micro blue, replacement cartridge