



Instruction for Use EN

Pro Hand Shower Filters



Description

The filter of the T-safe Pro Water Filter range is based on hollow fiber membrane technology and is specifically designed to remove bacteria such as, but not limited to, *Legionella pneumophila* and *Pseudomonas aeruginosa* from tap water to prevent infections in commercial and public settings.

T-safe Pro Hand Shower Filters are equipped with a male ½” thread. The filters are supplied with a water flow regulator, which protects the filters against sudden water pressure peaks.

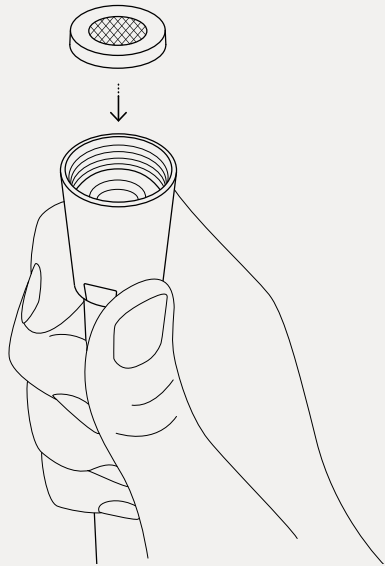
T-safe Pro Hand Shower Filters will effectively retain bacteria for a maximum period of up to 92 days, within the limitations of use as described herein.

This IFU covers the following products

Item	Code
Chrome Hand Shower Filter	02-803102
White Hand Shower Filter	02-803103
Emergency Hand Shower Filter	02-803112
Replacement Filter	02-000077

Installation

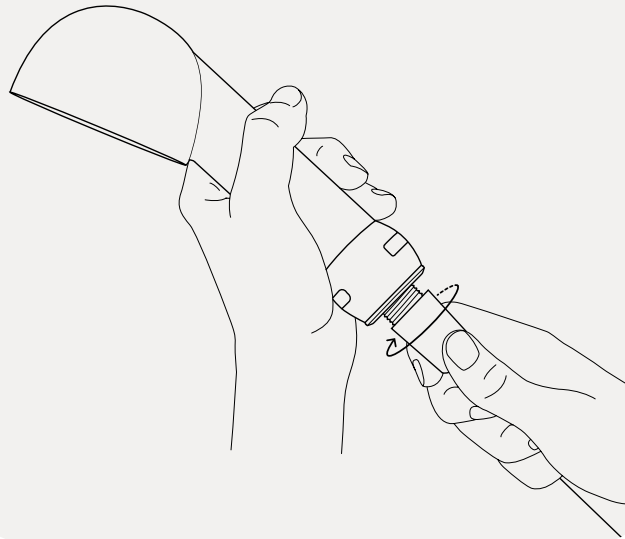
1



The enclosed gasket is for the shower hose and is to replace the previously installed gasket.

This is done every time a new T-safe filter is mounted, in order to ensure that the connection is always tight.

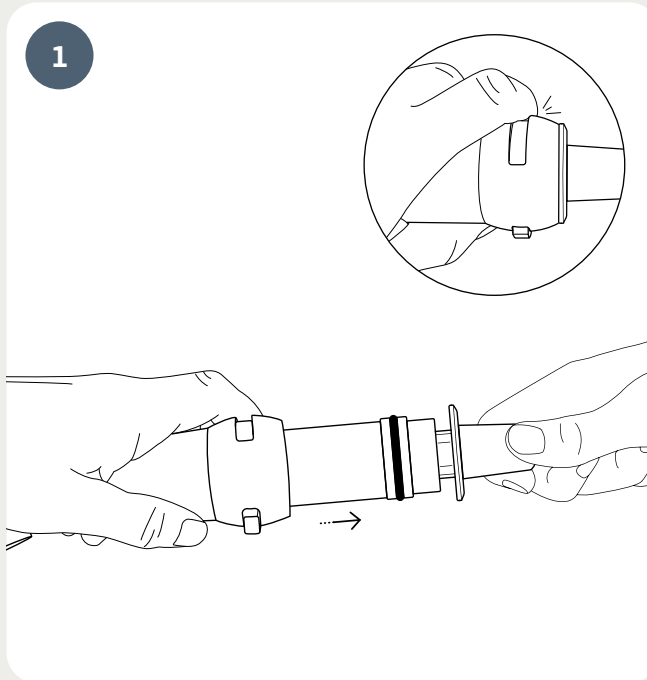
2



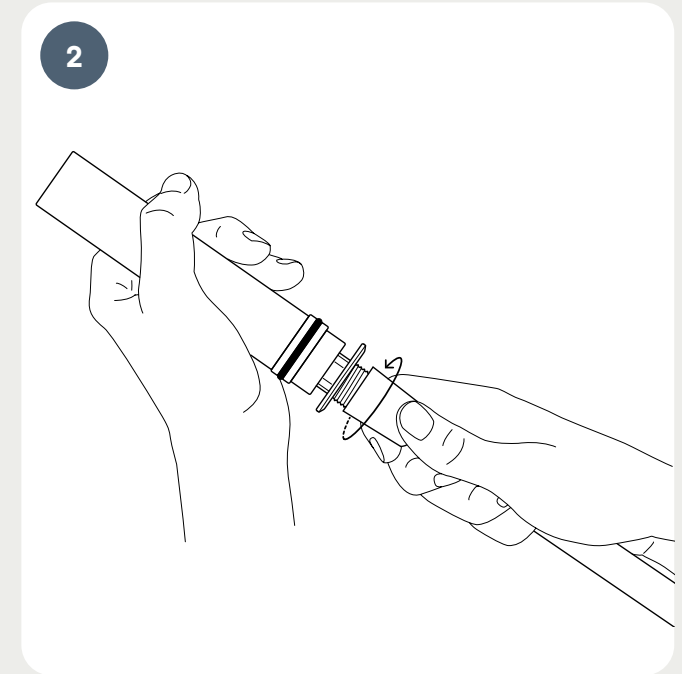
Fasten the shower hose tightly to the hand shower filter.

Replacement of filter

Install the product directly from the packaging and ensure that the replacement filter does not come into contact with sources of contamination before being installed.

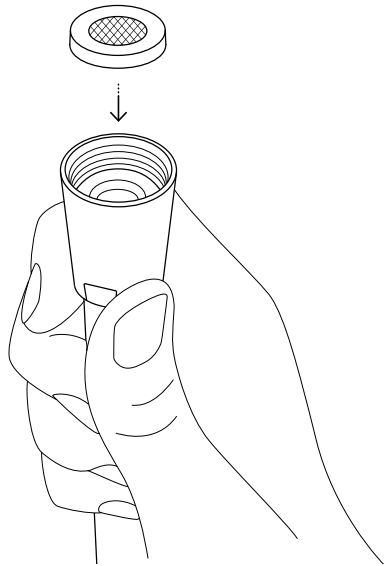


Release the filter by pressing down the locking pawl on the handle. Then pull the filter out from the handle.



Unscrew the shower hose from the filter.

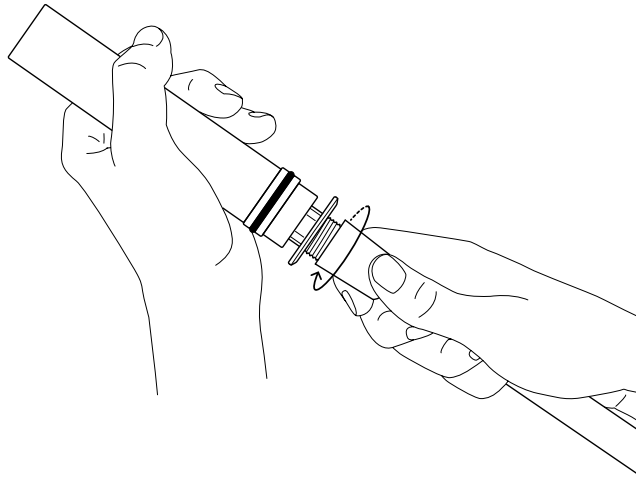
3



The enclosed gasket is for the shower hose and is to replace the previously installed gasket.

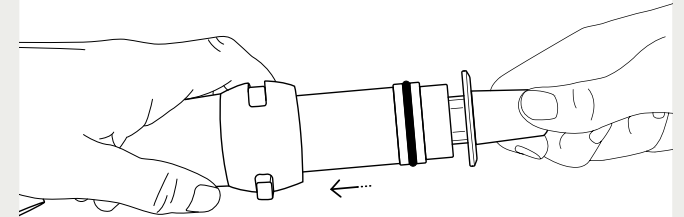
This is done every time a new T-safe filter is mounted, in order to ensure that the connection is always tight.

4



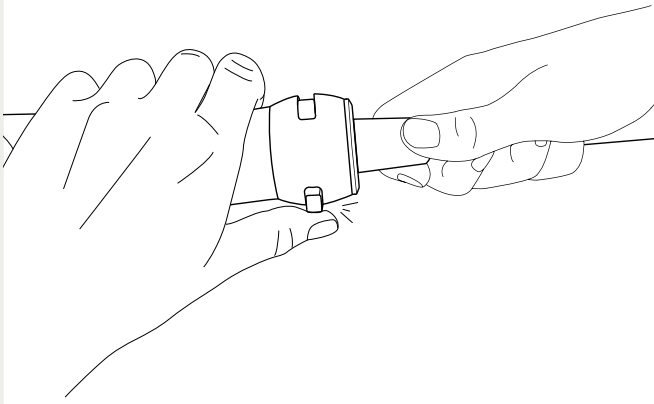
Fasten the shower hose tightly to the filter.

5



Push the filter into place in the handle.

6



Once the filter is in place in the handle, push the locking pawl back into place, after which the filter is securely attached. The filter shower is now ready for use.

Information

Surface cleaning and disinfection

If professional cleaning procedures are in place, the external surfaces of the filter may be cleaned using a new disposable wipe. Extra care should be taken to prevent contamination of any outlet of the filter. Do not disconnect the filter during cleaning.

T-safe water filters are compatible with common surface disinfectants and cleaning agents, except chlorine-based disinfectants due to their chrome plated surface. For cleaning and disinfection, the filter housing may be immersed in up to 500.000 ppm citric acid.

Storage – non-commissioned filter

The product must be stored at temperatures between 5 °C and 40 °C and at a humidity of max. 60 %. Expiry date: See label on the packaging or marking on the product.

Disposal

The filter cartridge and non-metallic parts can be disposed of with ordinary waste following applicable local regulations under the waste category number 180104 in accordance with EU Directive 75/442/EEC.

Tolerance to Water System Disinfectants

The T-safe water filters are compatible with common water system disinfectants. This has been validated by integrity testing the filters after exposure to the following disinfectants at the concentrations and contact time listed:

- 30 ppm chlorine dioxide combined with 200 mg/L suspended solids in continuous operation throughout the life cycle
- 30 ppm hydrogen peroxide in continuous operation throughout the life cycle
- 15 ppm free chlorine in continuous operation throughout the life cycle
- 10 ppm ozone in continuous operation throughout the life cycle
- 10 ppm chloramine in continuous operation throughout the life cycle
- 1000 ppm free chlorine through a 1-hour shock treatment
- 50 ppm Hypochlorous Acid (HOCL) through a 2-hour shock treatment
- 50 ppm Chlorine Dioxide through a 2-hour shock treatment
- 3500 ppm hydrogen peroxide through a 6-hour shock treatment
- 3000 ppm Silver Stabilised Hydrogen Peroxide through a 14-hour shock treatment
- An aqueous solution with pH 12 through a 1-hour shock treatment
- 1000 ppm peracetic acid at 60 °C through a 2-hour shock treatment

Precautions

- Do not use the filter if the package is open or damaged, or filter is visually damaged
- Do not disconnect the filter during the period of use
- Avoid mechanical impact and do not strike the filter with heavy or metallic objects, as this may damage the filter
- The outlet of the filter should not come into direct contact with skin or hair
- The filter must not be used continuously with water temperatures above 60 °C. The optimal working range is 10 °C – 45 °C
- The filter cannot tolerate pressure above 5 bar
- If the filter is subjected to excessively high water pressure, this will cause the filter to collapse (sudden decrease in water flow). The filter must then be discarded
- The filter cannot be “backwashed”
- The contamination level and the amount of filter-blocking particles and substances in the water might reduce the lifetime of the filter
- The filter cannot be rinsed or cleaned in a dishwasher or autoclave
- The filter must be discarded if the expiry date has passed
- Do not modify or make changes to the filter or the adapter
- Important: The filter may not be placed in a hot water bath

Note

- Do not use the water for contact lenses
- The quality of the water is not suitable for pharmaceutical use
- The filter will neither alter the taste nor the odor nor the chemical composition in the water, and does not cause any changes in the concentration of salts, metals, lime scale, chemicals, pesticides, and dyes

No liability for misprints or typographical errors.



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