Chrome In-Line Filter

Tsafe

Chrome In-Line Filter

Description

The Chrome In-Line Filter of the T-safe Pro Water Filtration range 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 settings.

The filter is suitable for use for wound care, burn tubs, water birth, hand washing, regular baths and bottling of drinking water.

T-safe Chrome In-Line Filter is a complete unit equipped with two male ½" threads. The filter is supplied with a flow restrictor, which protects the filter against sudden water pressure peaks. The filter is a Point-of-Use filter and is intended to be installed as close to the outlet as possible. The further away from the outlet that the filter is installed; the greater the risk for after-filter bacteria growth is.

T-safe Chrome In-Line Filter 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:

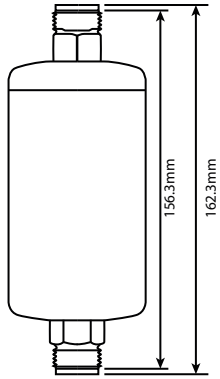
Item	Code
Chrome In-Line Filter	02-803236
Replacement Filter	02-000242

Installation of complete unit 02-803236

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

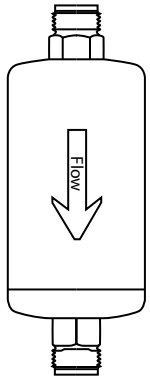
1. Verify installation distance between in- and outlet match.

1



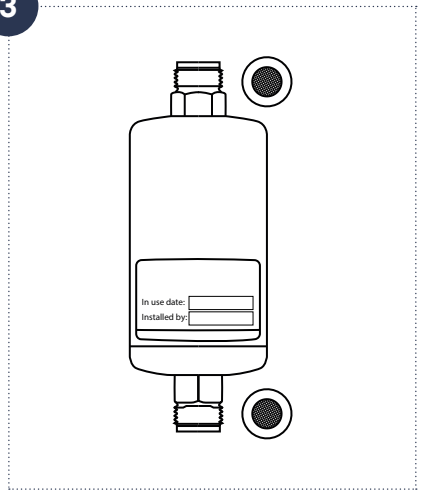
2. Ensure pre-assembled filter orientation corresponds to the flow direction in the pipe.

2



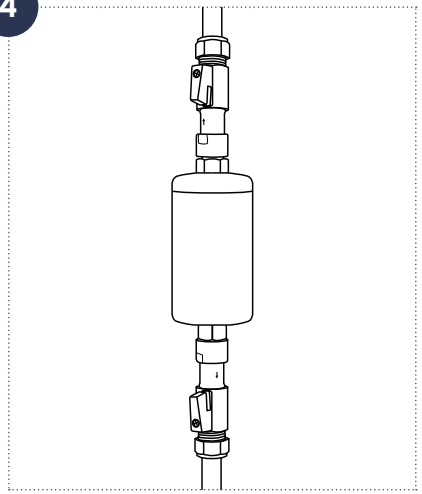
3. Mount filter with a ½" gasket (3mm) in both ends to ensure tightness.

3



4. Tighten in-out connections.

4

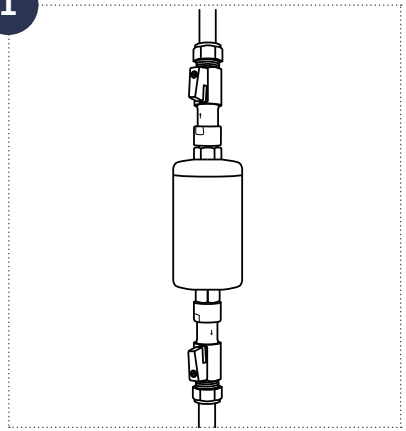


Installation of replacement filter 02-000242

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

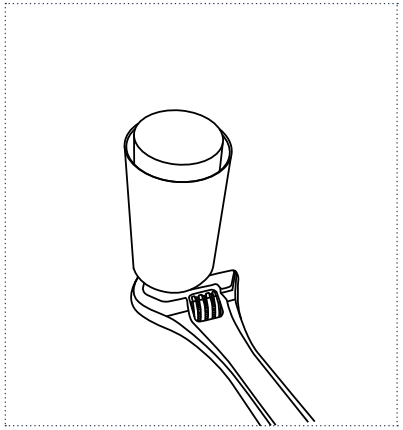
1. Remove the complete filter housing from installation.

1



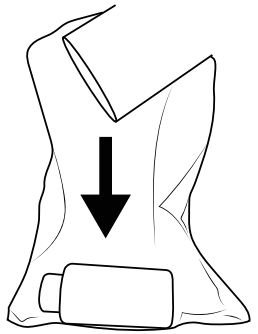
2. Open filter housing – Make sure that the outlet part is pointing up - then unscrew the small outlet part. Beware of residual water from the housing when opening the filter.

2



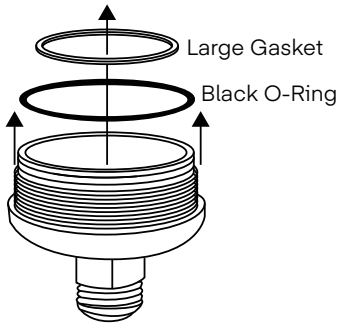
3. Remove and dispose of the used filter cartridge and pour it into a bag for disposal without contact.

3



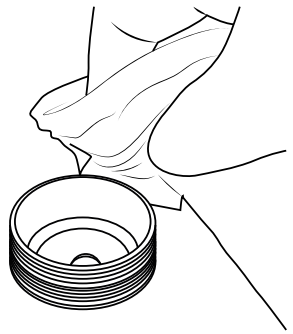
4. Remove and dispose of the large gasket (white Ø42x3 mm) and the black O-Ring Ø50x2mm at the small outlet part.

4



5. Clean and disinfect the small outlet part inside (or both parts), make sure all organic matter is removed.

5



a. Cleaning & Disinfection should be done with every filter cartridge replacement.

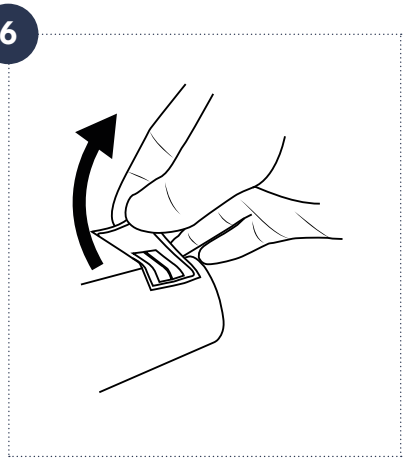
b. Clean the filter house by using a clean non-abrasive and lint-free cloth and/or a brush to remove stubborn residuals.

c. Disinfect with a wipe (chlorine or ethanol - 1000 ppm) or spray with 75%-100% ethanol or a similar disinfectant agent suitable for chrome surfaces.

d. Be very careful at the small outlet end not to contaminate the surface between the white gasket and the outlet.

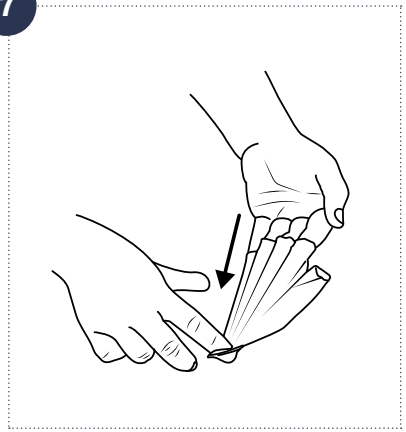
6. Remove ID label on house.

6



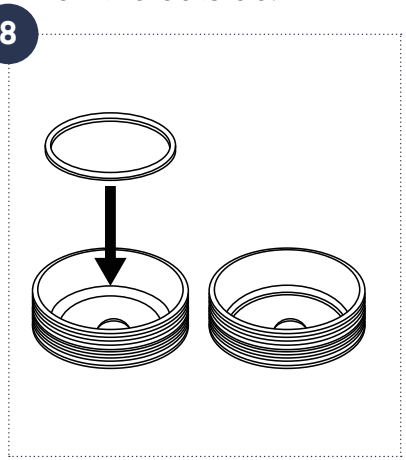
7. Change gloves or sanitize hands.

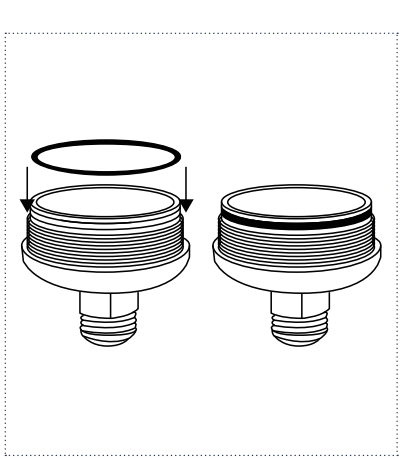
7



8. Mount new large white gasket (Ø42x3mm) inside the small outlet as well as new black O-Ring Ø50x2 on the outside.

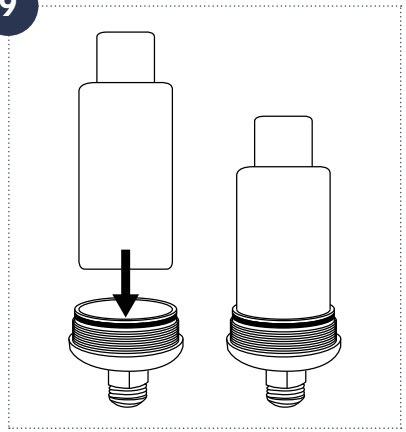
8





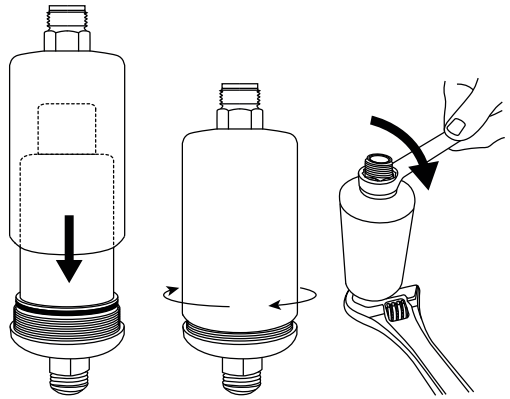
9. Install the new filter cartridge, by mounting the filter into the small outlet part.

9



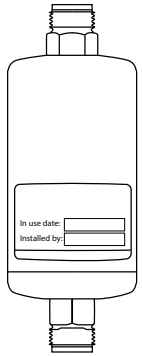
10. Re-assemble the complete filter. Tighten firmly.

10



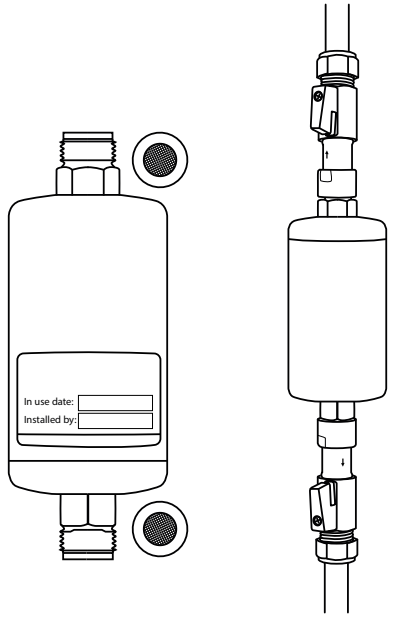
11. Put new - “Installed Date label” on filter house outside and write install date.

11



12. Re-Install filter, using replacement ½” gaskets. Ensure to orient filter correctly in the process.

12



Cleaning

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

Exposure to Chemical and Thermal Water Treatment

The filter can tolerate the following continuous disinfection treatments:

- 30 ppm chlorine dioxide
- 15 ppm free chlorine (hypochlorite)
- 10 ppm ozone
- 1 ppm hydrogen peroxide
- 1 ppm monochloramine

Shock Treatment:

- Up to 1000 ppm free chlorine for 1 hour at room temperature
- pH 12 for 1 hour at room temperature
- 1000 ppm peracetic acid for 2 hours at 60° C

The filter can tolerate thermal disinfection up to 6 times in the lifetime of the filter under the following conditions: 70° C for 5 minutes.

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 and in accordance with EU Directive 75/442/EEC.

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.

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. Optimal working range 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 dish-washer or autoclave
- The filter must be discarded if the expiry date has passed
- Do not modify or make changes to the filter or the adaptor

NOTE

- Do not use the water for contact lenses
- The quality of the water is not suitable for pharma-ceutical use
- The filter will neither alter the taste or 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.

T-safe A/S
Gydevang 1
3450 Allerød
Denmark

t: +45 48 17 22 82
e: info@t-safe.com

t-safe.com