



FILT'RAY^{2G} Sterile Disposable Water Filters

USER MANUAL

US VERSION

POINT-OF-USE FILTERS

life Duration: 1, 2, 3 & 4-Month

Shower Water Filter, Wall Mounted Shower Water Filter, Faucet Water Filter and In-Line Water filter

REFERENCES

FILT'RAY^{2G} Shower Head Water Filter: AT030711, AT030713, AT030714, AT030716; FILT'RAY^{2G} Wall-Mounted Shower Water Filter: AT030777, AT030778, AT030779, AT030780; FILT'RAY^{2G} Faucet Water Filter with straight flow outlet: AT030717, AT030719, AT030747, AT030749; FILT'RAY^{2G} Faucet Water Filter with shower flow outlet: AT030718, AT030720, AT030748, AT030750; FILT'RAY^{2G} In-line Water Filter: AT030733, AT030734, AT030745, AT030746

To guarantee the optimal performance of the FILT'RAY^{2G} Disposable Water Filters, please ensure that you follow the instructions for installation (see I.) and read the warnings carefully (see II.).

General specifications

- Disposable Sterile Water Filters
- Effective against Bacteria including Opportunistic Waterborne Pathogenic Microorganisms
- For up to 1, 2, 3 & 4 Months

FILT'RAY^{2G} Filters are **Class I medical devices in Europe and Canada, Class II in the USA.**

Indications for Use

The FILT'RAY^{2G} Disposable Water Filter is intended to be used to filter EPA (Environmental Protection Agency in USA) Quality Drinking Water. This microfiltration technology is effective for the reduction of **Healthcare-Associated Infections** by Opportunistic Waterborne Pathogenic Microorganisms. By retaining bacteria, the filters may aid in Infection Control. The filters produce water that is suitable for shower of high risk-patients, washing neonates, drinking water and ice for immunosuppressed patients, superficial wound cleansing (minor cuts, scrapes, or abrasions), cleaning of equipment used in medical procedures and washing of surgeon's hands. **The filters are not intended to provide water that can be used as a substitute for USP grade sterile water.**

Description of Disposable Water Filter

The FILT'RAY^{2G} Filters are intended to produce Bacteriologically Controlled Water, at Point of Use. These devices retain bacteria including opportunistic waterborne pathogenic microorganisms such as *Legionella spp.*, *Legionella pneumophila*, *Pseudomonas aeruginosa* and others via a 0.1µm nominal /0.2 µm absolute Hollow Fiber Microfiltration Membrane. This microfiltration technology ensures a higher bacteriological quality than the Potable Water of the water plumbing system. Of note, the subject FILT'RAY^{2G} devices do not contain latex, nor tissues or by-product animal origins, nor derived of blood or any substance considered as a medicine.

FILT'RAY^{2G} disposable water filters are designed to ensure water safety at points of use. They are recommended for managing biological risk.

1,2, 3 & 4-month FILT'RAY^{2G} Disposable Water Filters provide a barrier against bacteria including opportunistic waterborne pathogenic microorganisms (*Pseudomonas aeruginosa*, *Legionella pneumophila*, etc.). These filters are designed to help control environmental conditions and are used to protect users against waterborne pathogens.

Laboratory-based microbiological challenges of *Brevundimonas diminuta*, *Legionella pneumophila* and *Pseudomonas aeruginosa* guarantee a **7-log retention capacity (2)** for all waterborne microorganisms larger than 0.1µm nominal /0.2 µm absolute and qualify the filter as sterilizing grade² filter.

I. INSTALLATION INSTRUCTIONS

Warnings

- Filters installation must conform with professional **aseptic technique**. Hands must be disinfected prior to installation. Inappropriate installation may result in a source of contamination or carry-over contamination.

- Make sure that the individual unit packaging (plastic bag) is not punctured or torn and that the filter is not damaged. If this is the case, do not use the device, as the performance can no longer be ensured.

General Information

- The shower head filter (screw-on) features a standard fitting and can therefore be connected to all flexible shower hoses.
- The faucet and wall-mounted shower filters can be connected to most plumbing fixtures using an adaptor (clip-on); contact us for a list of commercially available adaptors.
- Installation of the inline filter requires the use of rapid connectors and/or connector nozzles, contact us for a list of commercially available adaptors.
- Recommended Storage : Between 5 and 35°C (41 and 95°F)

Installation

1. Turn off the water supply.
2. If first installation: remove the original shower head or fit the adaptor fitting if necessary, for the faucet filter, wall mounted or in-line filter (see removal below).
3. Remove the used FILT'RAY^{2G} Filter
4. Carefully open the individual unit packaging (bag), making sure that the filter remains inside the bag. **Do not touch the colored end of the tap or the shower head with your fingers.**
5. Keeping the filter in the bag, screw the shower head filter onto the end of the hose or clip on the faucet or wall-mounted filter. Clip the inlet of the inline filter to the adaptor in the direction of the arrow indicating water flow on the label.
6. The bag can then be removed.
7. Turn the water on for a few seconds to check that the adaptor(s) and the filter are **perfectly watertight**. In the case of leaks, repeat the installation procedure, using a new filter, if needed.

Removal

1. Turn off the water supply.
2. Remove the used shower head filter by unscrewing it from the end of the hose or unclipping the faucet, wall-mounted and inline filters from the adaptor.
3. Dispose of the used filter according to your institution's established procedures.

A non-leaching bacteriostatic agent is embedded into the housing material of the FILT'RAY^{2G} disposable water filters in order to minimize the risk of retrograde contamination of the devices (see IV.).

If the filters can be soiled on the surface, it is advisable to wipe the outer surface without touching the outlet. To do so, filters must **not** be disconnected or soaked in a cleansing / disinfectant solution.

Waste management

Used FILT'RAY^{2G} disposable water filters do not present any special infectious risk. They are classified as normal household waste. Nevertheless, we recommend that all non-recyclable plastic products be disposed of responsibly via ecological collection and treatment facilities (1).