FILT’RAY²G
POINT-OF-USE-FILTER
Disposable water filters

QUICK LEGIONELLA & PSEUDOMONAS CONTROL

Provide barrier against microorganisms
Extended life up to 3 and 4 months
Self-cleaning membrane
Bubl’air Wash™

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FILT’RAY® Filters - A part of your Risk Management proposal for building water systems

FILT’RAY® filters are recommended for managing biological risks and preventing nosocomial infection, and constitute an immediate physical barrier against all waterborne pathogens to reduce human risks. This technology enables you to rapidly secure Point-of-Use and ensures a high flow rate for greater user comfort. These filters prevent the discharge of planktonic legionella & pseudomonas and others waterborne pathogens from faucet, shower and inline filters. They should be used primarily as a temporary measure until a permanent safe engineering solution is developed against legionella risk. Long term use of such filters may be required in some cases e.g. in healthcare premises.

FILT’RAY® filters have tolerance to early blockage due to a self-cleaning membrane Bub’air Wash™ and provide high quality filtration and a comfortable flow rate for users. The Ultraresistant tubular membrane provides sterilizing-grade microfiltration and preserves the water’s sensory qualities.

General information

- Instant microbial challenge at D0, 31 & 62 days and 3 & 4 months:
  - with Brevundimonas diminuta at 10^7 CFU/cm² of effective filtration area; > log7 retention. The membrane is therefore considered sterilizing-grade.
  - with Legionella pneumophila and Pseudomonas aeruginosa at 10^7 UFC/cm² of effective filtration area; > log7 retention
- Quality control: continuous complete monitoring of the filtration membrane
- Materials selected in accordance with European and US Pharmacopeia and FDA requirements
- Integrated bacteriostatic agent for a 99% reduction in bacterial counts

Characteristics | FILT’RAY®
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Device materials | MBS
Membrane type | Tubular microfiltration
Membrane material | Polyethylene
Pore size | 0.1 µm
Range of use | 5 bars at 60°C / 72.5 PSI at 140°F
Resistance to thermal shock | 70°C / 158°F during 30 minutes
Resistance to chemical shock | 100 ppm active chlorine during cumulative total of 1 hour
| 100 ppm active chlorine during cumulative total of 2 hours
| 100 ppm active chlorine during cumulative total of 3 hours
| 100 ppm active chlorine during cumulative total of 4 hours

FILT’RAY® FILTERS 31 days 62 days 3 months 4 months

| Filtration membrane surface area | 2800 cm² | 3200 cm² |
| Membrane thickness | 85 µm | 110 µm | 85 µm | 110 µm |

Component disposal policy

FILT’RAY® can be disposed of with normal household waste.

31 & 62 days FILT’RAY® shower head, smooth outlet faucet and shower rose outlet faucet filters are available sterile and non-sterile.
3 & 4 months FILT’RAY® shower head, smooth outlet faucet and shower rose outlet faucet filters are available non-sterile.

For more information, please contact aqua-tools.

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