

AquaGuard Pro®

UltraFiltration Under-Sink Filter for Superior
Anti-Legionella Protection

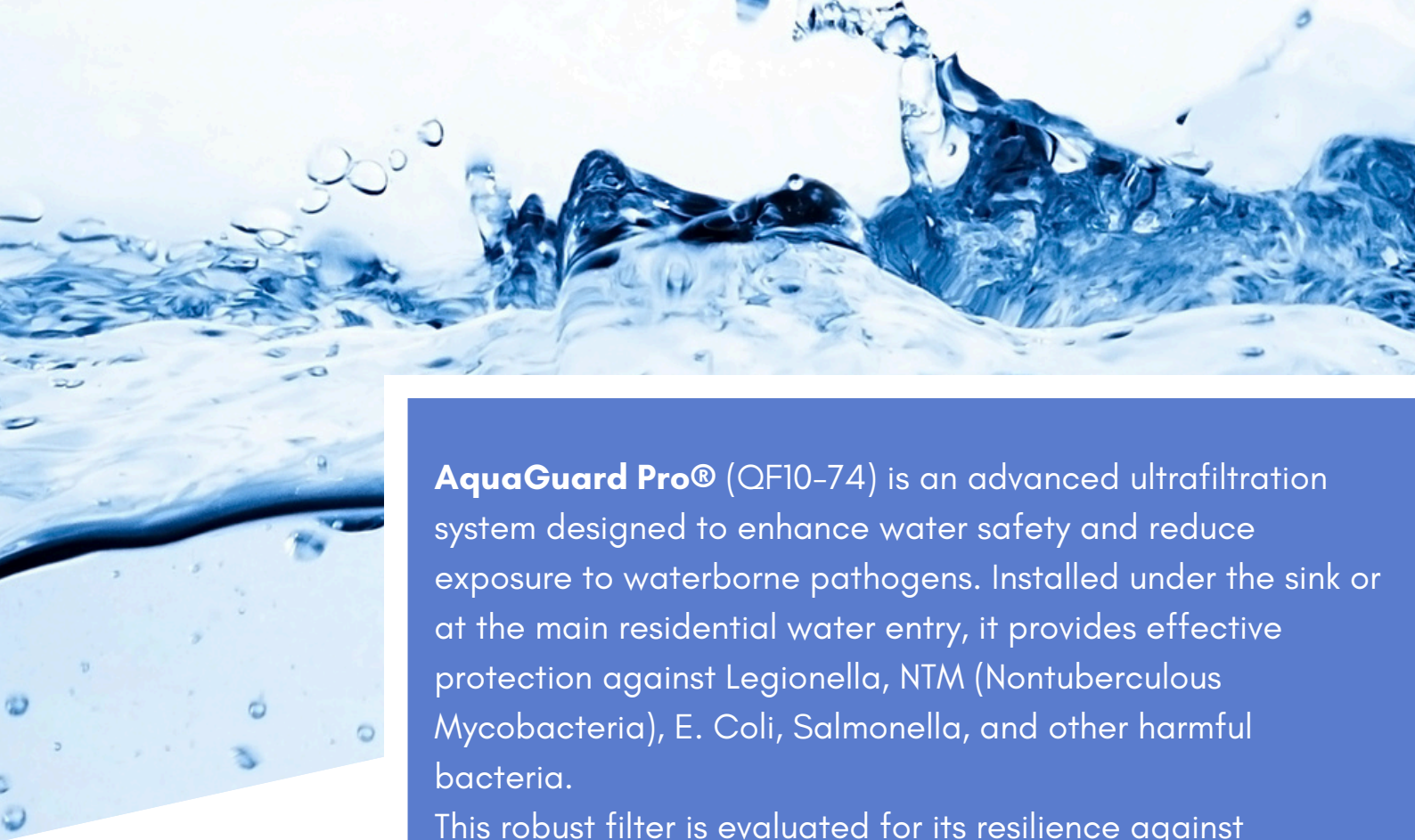


AQUAGUARD PRO®



MENTOR 
WATER TECHNOLOGIES USA

Redefining Water Purity



AquaGuard Pro® (QF10-74) is an advanced ultrafiltration system designed to enhance water safety and reduce exposure to waterborne pathogens. Installed under the sink or at the main residential water entry, it provides effective protection against Legionella, NTM (Nontuberculous Mycobacteria), E. Coli, Salmonella, and other harmful bacteria.

This robust filter is evaluated for its resilience against temperature fluctuations and chlorine, ensuring consistent performance and reliability over time. AquaGuard Pro® helps improve water quality for residential use, supporting safe water in everyday environments.



AquaGuard Pro® is capable of purifying up to 15,000 liters (3,963 gallons) of water, depending on the water's quality.

This system is designed for exceptional durability and reliable performance.

With a pore size of 0.08 μm , it provides high-efficiency bacterial reduction, certified under ASTM F838-2015ae for Legionella reduction (Log 8). It offers 99.999999% (Log 8) bacterial reduction from Legionella and other harmful waterborne pathogens. Certified with the CE mark, AquaGuard Pro® delivers unmatched water purification efficiency, ensuring confidence and safety in every use.

Mentor Water Technologies is an **FDA-registered medical device establishment (Owner/Operator Number 10094411)** and a **U.S. EPA FIFRA-registered facility (EPA Est. No. 105402-NLD-1)**, producing antibacterial water filtration medical devices in accordance with U.S. regulatory requirements.

*Capacity depends on local water conditions, the amount of microparticles (SDI), and pre-filtration. SDI is measured according to ASTM D4189-95. It is recommended that the filter cartridge be replaced after 6 months. The amount of impurities in the water will vary between water systems, so filters will become clogged at different rates.

FEATURES

- + 0.08 µm ultrafiltration delivers certified Log 8 bacterial reduction
- + exchangeable Anti-Microbial filter
- + Compatible with ADA compliant pause adapter
- + Robust pre-filtration cartridge
- + In compliance with NSF P376, ASSE LEC 2011-2022, ASTM F838-2015a e1 / 2020 for Bacteria and fungus reduction standards & EPA WaterSense
- + EU Drinking Water Directive (2020/2184)
DIN EN 16421 & 58356

BENEFITS

- + Retains microorganisms without volume restriction
- + Waste reduction, cost reduction with high performance
- + Enhanced antimicrobial protection integrated throughout the system
- + Integrates with Legionella Water Management Plans
- + Installed on the cold water source without affecting the water flow rate

International standard & reliability tests

Our products are subject to stringent testing processes to align with global standards. Right from the development stage of our water purifiers and filters, we prioritize durability, safety, performance, and functionality.

This commitment is demonstrated through comprehensive reliability testing that conforms to international stress test standards, ensuring our products meet the highest quality criteria.

Instruction For Use (IFU):



TECHNICAL CHARACTERISTICS



Sterilization and Quality Assurance

When requested, our filters can be produced using sterilized materials and tested in accordance with the standards set forth by ISO 9001:2008. Our products are certified as CE Marked devices and manufactured under a quality system aligned with EN ISO 13485:2003 & ISO 11137 - 1:2006, ensuring the highest level of quality and safety.



The AquaGuard Pro® Series comes in two models:

- Single-Stage Filter: Hollow Fiber Filter System
- Two-Stage Filtration System: Hollow Fiber Filter & Sediment Filter to extend Hollow Fiber service life



Comprehensive Testing

Each product undergoes 100% testing for membrane integrity and leak tightness, affirming our commitment to reliability and performance.



Durability

Demonstrated physical resilience against temperature fluctuations and chlorine exposure, with a proven performance lifespan of 15,000 liters / 3,963 gallons*, depending on the quality of the source water.





Filtration Capacity

A substantial filtration area of 6,800cm² / 1,054in² (Hollow Fiber) is designed for maximum efficiency and effectiveness in water purification.



Safety and Compliance

Adherence to CE-marked Class 2 standards, underscoring our dedication to safety and regulatory compliance.

- NSF P376 – Bacteria and fungus reduction
- ASSE LEC 2011 – 2022 U.S Water Engineering Association for Bacteria reduction
- ASTM F838-2015ae Legionella reduction Log 8
- Complies with EPA WaterSense & ASTM F838-20
- EU Drinking Water Directive (2020/2184) and DIN EN 16421 & 58356



Transparency and Trust

A complete dossier of tests, including comprehensive analyses on Legionella, is readily available, providing transparency and building trust with our clients.



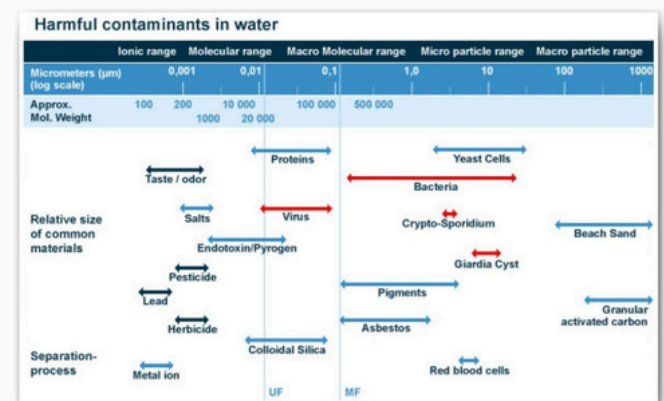
Efficiency

Tested and certified to achieve up to 99.999999% (Log 8) reduction of Legionella pneumophila and other waterborne bacteria, demonstrating the effectiveness of our technology in maintaining high water quality standards.

P376 MICROBIOLOGICAL FILTRATION REQUIREMENTS FOR CHALLENGE ORGANISMS & REDUCTION REQUIREMENTS

| ORGANISM | Maximum influent concentration (cfu/L) | Minimum required reduction (%) |
|---|--|--------------------------------|
| <i>Legionella pneumophila</i> ATCC 33152 | 1×10^{11} | 99.9999 (6.0 log) |
| <i>Brevundimonas diminuta</i> ATCC 19146 | 1×10^{11} | 99.9999 (6.0 log) |
| <i>Pseudomonas aeruginosa</i> ATCC 13388 | 1×10^{11} | 99.9999 (6.0 log) |
| <i>Aspergillus fumigatus</i> ATCC 10894 | 1×10^9 | 99.99 (4.0 log) |

Filtration Spectrum:



ABOUT US

Redefining Water Purity



Mentor Water Technologies BV, based in the Netherlands, leads in innovative water purification solutions for a sustainable future. Our extensive Research & Development division, where water experts from diverse continents collaborate, drives our commitment to high-quality, accessible, and affordable water purification technologies. Founded by Mentor Capital Holdings BV, a global Dutch investment advisory firm, Mentor Water Technologies benefits from over two decades of international expertise. Our systems are designed for superior efficiency and cost-effectiveness, ensuring exceptional value for our clients.

As a proud member of Mentor Capital Holdings BV, we believe in nurturing relationships through a personal touch, embodied by our employees and distributors worldwide. At Mentor Water Technologies, we provide not only the finest water purification solutions but also unparalleled service to meet your needs.



MENTOR CAPITAL
HOLDINGS



Patented Technology

Harnessing exclusive innovations for superior performance



R&D and Innovative Solutions

We leverage science to develop unique water purification solutions.



Price Affordability

Creates that you will promote to the target market.



Simple Setup

Designed for easy installation and filter replacement.



Certified & tested Equipment

Our equipment is certified at the highest standards through rigorous third-party testing.



info@mwt-nl.com



Nieuwezijds Voorburgwal 162,
1012 SJ Amsterdam, Netherlands



www.mwt-nl.com