

# TotalPure®

Advanced Filtration, Maximum Safety

POE – Point Of Entry



TOTALPURE®



**MENTOR**   
WATER TECHNOLOGIES USA

Redefining Water Purity



The TotalPure Point-of-Entry system features a proprietary 5-stage patented filtration design engineered to protect water systems from contaminants and operational risks. Each stage works in synergy to provide whole-facility protection with clean, safe, high-quality water.

### Stage 1 – Sediment Filtration

Captures sand, silt, rust, and fine particulates that can damage plumbing, reduce efficiency, and cause buildup.

### Stage 2 – KDF Media

Reduces heavy metals such as lead, mercury, and iron, neutralizes hydrogen sulfide odor, and inhibits bacterial growth, extending carbon block life and efficiency.

### Stage 3 – Activated Carbon Block

Removes chlorine, VOCs, pesticides, herbicides, and unpleasant tastes or odors, ensuring safer, better-quality water.

### Stage 4 – Polyphosphate Cartridge

Prevents scale and corrosion by stabilizing calcium, magnesium, and iron, protecting equipment, fixtures, and flow performance.

### Stage 5 – Ultrafiltration Membrane

With a 0.08-micron pore size, delivers Log 8 (99.999999%) bacteria reduction, reducing Legionella, NTM, E. coli, Salmonella, and some viruses, ensuring microbiological safety for healthcare, hospitality, residential, and other demanding applications.



**TotalPure®** system is available in two models:

- **TotalPure® - 1 Filtration Unit System:** Capable of purifying up to 75,708 liters (20,000 gallons)\* of water.
- **TotalPure® - 2 Filtration Units System:** Designed to purify up to 150,000 liters (40,000 gallons)\* of water.

*\*Note: Performance may vary based on water quality.*

Renowned for its exceptional durability and reliability, the TotalPure® system ensures superior water purification with unmatched security.

\*Capacity depends on local water conditions, the amount of microparticles (SDI), and pre-filtration. SDI is measured according to ASTM D4189-95. The amount of impurities in the water will vary between water systems, so filters will become clogged at different rates.

## FEATURES

- + Great-tasting water with a reliable, space-saving design
- + Easy plug-and-play installation, no electricity or storage tank required
- + Instant, high-flow water with no wastewater
- + Robust pre-filtration cartridge
- + NSF-42 approved materials, ensuring safety and durability
- + Built-in Scale Inhibitor prolongs equipment life by preventing scale buildup
- + EU Drinking Water Directive (2020/2184)  
DIN EN 16421 & 58356

## BENEFITS

- + Quick, tool-free filter replacement with SQC (Sanitary Quick Change) method
- + High-Capacity Filtration: 40,000 gallons (150,000 liters) of pure, filtered water.
- + No Electricity required - Operate without the need for electricity
- + 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



## 5-stage patented filtration

The TotalPure Point-of-Entry system uses a patented 5-stage design to deliver safe, high-quality water across entire facilities

- Stage 1 – Sediment Filtration
- Stage 2 – KDF Media 55
- Stage 3 – Activated Carbon Block
- Stage 4 – Polyphosphate Cartridge
- Stage 5 – Hollow Fiber Ultrafiltration Membrane



## The TotalPure® system comes ready for installation in 2 models:

- TotalPure® – 1 Filtration Unit System:  
Capable of purifying up to 75,708 liters (20,000 gallons)\* of water.
- TotalPure® – 2 Filtration Units System:  
Designed to purify up to 150,000 liters (40,000 gallons)\* of water.



## 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 151,500 liters / 40,000 gallons\*, depending on the quality of the source water.





## Filtration Capacity

A substantial filtration area of  $34,500\text{cm}^2$  /  $13,580\text{in}^2$  (Hollow Fiber) is designed for maximum efficiency and effectiveness in water purification.



## Safety and Compliance

Adherence to CE marked, underscoring our dedication to safety and regulatory compliance.

- NSF 42 - certified to reduce aesthetic impurities such as chlorine and taste/odor
- Meets European safety and compliance standards, including the EU Drinking Water Directive (Directive (EU) 2020/2184) and DIN EN 16421 and 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.



## Waste and Cost Reduction

The system delivers significant waste and cost reduction while maintaining high performance.

# 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.



### 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 products are certified at the highest standards through rigorous third-party testing.

