MENTOR
WATER TECHNOLOGIES USA

WaterSense
Meets EPA Criteria
Certified by IAPMO R&T

SAVE WATER.
PROTECT PEOPLE.

EPA WaterSense-Certified Efficiency Meets Advanced Antibacterial Protection.

Introducing PurGuard360® The Next Generation of Water-Efficient Antibacterial Showers.

Why choose between water conservation and water safety when one solution delivers both?

PurGuard360® combines EPA WaterSense-certified water efficiency with advanced 0.08 µm hollow fiber ultrafiltration, providing independently tested Log 10 bacterial reduction while delivering an efficient shower experience.

Designed for commercial and institutional facilities seeking to reduce water consumption, support sustainability objectives, and strengthen water safety.



Why Choose PurGuard360®?

- EPA WaterSense-certified water efficiency.
- FDA 510(k)-cleared Class II medical device.
- Independently tested Log 10 bacterial reduction.
- Water and water-heating energy savings.
- Comfortable shower performance.
- Simple installation without major plumbing modifications.

Four key performance indicators

1.8 GPM WaterSense-certified flow rate	**28%** Less water than a 2.5 GPM showerhead
LOG 10 Bacterial reduction	**150 DAYS** Filter service life

The 28% reduction compares rated flow rates of 1.8 GPM and 2.5 GPM.

One Shower. Two Essential Benefits. Water Efficiency & Antibacterial Protection.

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LESS WATER. LOWER COSTS. SAME SHOWER PERFORMANCE.

Water Efficiency That Delivers Measurable Business Value.

Water conservation is becoming an increasingly important priority for commercial buildings, hospitality properties, healthcare facilities, and public institutions.

Traditional showerheads can consume up to 2.5 gallons per minute.

PurGuard360® WaterSense-certified showers operate at 1.8 GPM, reducing rated water consumption by 28% compared with a standard 2.5 GPM showerhead.

This translates into meaningful savings in water usage and the energy required to heat that water.

THE SAVINGS ADD UP

Example: A Facility With 100 Showers

Assumptions: 100 showers, 10 minutes of daily use per shower, 365 operating days per year, Comparison: 2.5 GPM versus 1.8 GPM

Performance	Standard Shower	PurGuard360®
Flow rate	2.5 GPM	1.8 GPM
Daily consumption	2,500 gallons	1,800 gallons
Annual consumption	912,500 gallons	657,000 gallons
Annual water saving	-	**255,500 gallons**
Water reduction	-	**28%**

255,500

GALLONS SAVED ANNUALLY

Approximately 967,000 liters of water saved per year — in a facility with just 100 showers.

And the benefits go beyond water conservation.

Three Financial & Environmental Advantages

1 Reduced Water Consumption

Lower water usage can directly reduce utility expenses, particularly across properties with numerous shower installations.

2 Reduced Water-Heating Energy

Using less hot water means less energy is required for water heating, creating additional opportunities to reduce operating expenses.

3 Improved Sustainability Performance

WaterSense-certified fixtures support water-efficiency initiatives, environmental reporting, and green-building objectives.

WATER EFFICIENCY WITHOUT SACRIFICING PERFORMANCE

EPA WaterSense certification evaluates more than water consumption.Certified showerheads must also meet independent performance requirements for spray force and coverage.PurGuard360® delivers an efficient 1.8 GPM flow while meeting these WaterSense performance criteria.

Reduce Water Consumption by 28%. Maintain Certified Shower Performance.

Savings are illustrative, based on rated flow rates and the stated usage assumptions.
Actual savings depend on usage patterns, operating conditions, and the fixtures being replaced.

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TWO CERTIFIED BENEFITS. ONE ADVANCED SHOWER

Introducing PurGuard360® — WaterSense-Certified Antibacterial Shower Filtration.

PurGuard360® combines two essential performance attributes in one shower solution: water efficiency and advanced antibacterial filtration.

Its integrated 0.08 µm hollow fiber ultrafiltration membrane provides independently tested Log 10 bacterial reduction, while its WaterSense-certified design delivers a water-efficient 1.8 GPM flow.



PurGuard360® 7 cm

Compact. Efficient. Protective.

Designed for facilities requiring reliable water efficiency and advanced antibacterial protection in a compact handheld shower.

- EPA WaterSense-certified — 1.8 GPM
- FDA 510(k)-cleared Class II medical device
- 0.08 µm hollow fiber ultrafiltration
- Log 10 bacterial reduction (ASTM F838-20)
- 150-day service life
- Compact 7 cm showerhead
- Available in White and Chrome
- Tool-free installation



PurGuard360® 15 cm

Premium Comfort. Certified Efficiency. Advanced Protection.

Designed for applications where water efficiency, shower comfort, and antibacterial protection are equally important.

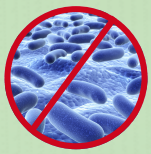
- EPA WaterSense-certified — 1.8 GPM
- FDA 510(k)-cleared Class II medical device
- 0.08 µm hollow fiber ultrafiltration
- 150-day service life
- Log 10 bacterial reduction (ASTM F838-20)
- Full-size 15 cm showerhead
- Three spray modes: Rain, Normal, Steam
- Tool-free installation

Ideal Applications

Hospitals · Healthcare Facilities · Assisted-living Facilities · Hotels · Commercial Buildings.

Ideal Applications

Hotels · Resorts · Premium Senior Living · Healthcare Facilities · Residential Properties.



ADVANCED ANTIBACTERIAL PROTECTION

Unlike conventional water-saving showerheads, PurGuard360® integrates a physical filtration barrier that provides independently tested Log 10 bacterial reduction.

The technology is designed to reduce exposure to waterborne bacteria, including Legionella, nontuberculous mycobacteria (NTM), E. coli, Salmonella, and other relevant pathogens at the point of use.

- 0.08 µm Filtration
- Log 10 Bacterial Reduction
- FDA 510(k) Clearance

WATER EFFICIENCY MEETS CERTIFIED PERFORMANCE

EPA WaterSense certification requires independently verified water efficiency and shower performance, including spray force and coverage

PurGuard360® combines these requirements with advanced antibacterial filtration, creating a differentiated solution for facilities that prioritize both sustainability and water safety.

Why Install a Conventional Water-Saving Showerhead When You Can Have Water Efficiency and Antibacterial Protection in One?

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ONE UPGRADE. MULTIPLE BENEFITS.

A Smarter Investment in Water Efficiency, Safety & Sustainability.

Replacing conventional showerheads with PurGuard360® provides more than an opportunity to conserve water.

It allows facilities to address multiple operational priorities through one product upgrade.

Reduce Operating Costs

Lower water consumption and reduced hot-water demand can contribute to measurable savings in water and energy expenses.

Strengthen Water Safety

Advanced 0.08 µm ultrafiltration and independently tested Log 10 bacterial reduction provide an additional protective barrier against waterborne bacteria.

Support Sustainability Objectives

EPA WaterSense-certified products support water-conservation initiatives, environmental performance goals, and green-building strategies.

Simplify Facility Upgrades

PurGuard360® combines water efficiency and antibacterial protection in one installation, without requiring extensive plumbing modifications.

DESIGNED FOR MULTIPLE INDUSTRIES

Hotels & Hospitality	Healthcare Facilities	Senior Living	Commercial Buildings	Government & Public Facilities	Residential Properties
Lower water costs, guest comfort, and water safety	Antibacterial protection and water efficiency	Resident safety, water conservation, and operating efficiency	Reduced utility consumption and sustainability initiatives	Water-efficient procurement and water safety	Reduced water consumption and advanced shower filtration

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WATER CONSERVATION IS GOOD BUSINESS. WATER SAFETY MAKES IT BETTER.

With PurGuard360®, organizations no longer need separate shower solutions to address water efficiency and antibacterial protection.

One product delivers both.

READY TO REDUCE WATER CONSUMPTION?

Request a PurGuard360® sample or discuss a facility-wide installation.



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PURGUARD360®

Save Water. Reduce Costs. Protect People.