



Contact us for more information

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Hurricanes and extreme weather events are increasing, along with threats to water safety

Storm Season Water Safety

Protect Access to Clean Water During Hurricanes

The availability of safe water to drink, bathe, or provide care can vanish overnight. Flooding can contaminate source water and overwhelm treatment systems, while power outages can disrupt disinfection and pumping. Tanker trucks and bottled water delivery can be challenged by road closures and risks of contamination. Meanwhile, evacuees, patients, staff, and families are left vulnerable.

- **Floodwater intrusion** spreads sewage and pathogens into water systems
- **Truck deliveries and stored water** risk contamination and create plastic waste
- **Infrastructure failures** can cause brown water and boil-water advisories
- **Extended outages** disrupt care, safety, and daily life for weeks or months



The Nephros Difference: Purify in Place

Unlike temporary or chemical-heavy fixes, Nephros FDA Class II sink and shower fixture filters are 510(k)-cleared to provide an immediate barrier for waterborne bacteria like *Legionella*. Purifying in place eliminates reliance on external supply chains or emergency response resources.

- EPA-quality water for drinking, handwashing, and medical use
- Installation in minutes with no waiting on deliveries or hookups
- Continuous 90-day protection without staff-intensive upkeep
- No harmful chemicals or additives or extensive plastic waste

Facilities stay open, care continues, and water flows when and where you need it most

Applications



Disaster Relief Sites

Give evacuees safe drinking and washing water



Senior Living & Housing

Protect vulnerable populations from outbreaks



Facility Management

Reduce downtime, bottled water costs, and liability



Hospitality

Keep guests safe and operations uninterrupted



Specifications

	S100 Sink Spout	S100 Sink/Shower Spray ⁽¹⁾	S100 Shower Handheld ⁽¹⁾
Product Number	70-0280	70-0281	70-0282
Max Inlet Pressure	75 psi (5 bar)	75 psi (5 bar)	75 psi (5 bar)
Material	Polysulfone	Polysulfone	Polysulfone
Pore Size	0.1 micron	0.1 micron	0.1 micron
Bacteria Retention⁽²⁾	>10 ⁹ (B. diminuta)	>10 ⁹ (B. diminuta)	>10 ⁹ (B. diminuta)
Dimensions	4" L x 3" D	4" L x 3" D	4" L x 3" D head + 7" handle
Surface Area	0.3 m ²	0.3 m ²	0.3 m ²
Clean Water Flow Rate	1.5 GPM at 50 psi (3.5 bar)	1.5 GPM at 50 psi (3.5 bar)	3.0 GPM at 30 psi (2.0 bar) ⁽³⁾
Connections	QC (CPC (PLC))	QC (CPC (PLC))	Threaded (1/2" NPSM)
Replacement Cycle	Up to 3 months	Up to 3 months	Up to 3 months
Filtration Type	Single-stage microfiltration	Single-stage microfiltration	Single-stage microfiltration

Accessories / Install Kits

70-0270	S100 Handheld Shower Mount Kit
70-0273	S100 Sink Aerator Adapters
70-0275	S100 Spray Swivel Shower Adapter

Defend Against Water Disruptions

Don't let storms or compromised water quality put safety and operations at risk. With Nephros, you're ready to respond.

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(1) All S100 filters contain a bacteriostatic additive incorporated into the housing material in order to guard against surface touch contamination. In cases where the external housing of the filters might be subject to heavy surface contamination (e.g. rinsing of used surgical instruments), it is recommended to wipe down the exterior surface of the filters with 1% bleach. Do not remove the filters or immerse them in cleaning solution. (2) S100 filters have been validated by a 3rd-party certified laboratory, in accordance with ASTM F838-20 "Standard Test Method for Determining Bacteria Retention of Membrane Filters Utilized for Liquid Filtration," with total bacteria retention as defined by "Sterilizing Grade" filter. Nephros S100 Validation Report: NEPH061521. For additional reference see: FDA "Guidance for Industry: Sterile Drug Products Produced by Aseptic Processing — Current Good Manufacturing Practice," September 2004. (3) Clean water flow rate reduced to 2.5 GPM with use of flow regulator (required for all installations).

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Nephros is committed to improving the human relationship with water through leading, accessible technology. We provide innovative water filtration products and services, along with water-quality education, as part of an integrated approach to water safety. Nephros goods serve the needs of customers within medical and commercial markets, offering both proactive and emergency solutions for water management.

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