



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
- **Infrastructure failures** can cause brown water and boil-water advisories
- **Truck deliveries and stored water** risk contamination and create plastic waste
- **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

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