

# LEGIONELLA CONTROL SYSTEMS

EST. 1932

## Nephros Filters for Hospital Water Filtration

U.S. FDA 510(k)-cleared to aid in infection control

### SSU-H

- For ultrafiltration needs
- Single-stage filtration design
- Barrier for bacteria, virus, and endotoxin
- For use up to 90 days



### DSU-H

- In-line solution for sinks, showers, ice machine, and equipment
- Dual-stage filtration design
- Barrier for bacteria, virus, and endotoxin
- For use up to 180 days



### S100

- Point of use for sinks and showers
- Single-stage filtration design
- Barrier for bacteria
- For use up to 90 days



**With the risk of hospital associated infections and their associated costs on the rise, Nephros FDA-cleared hospital water filtration is an important addition to aid in infection control.**

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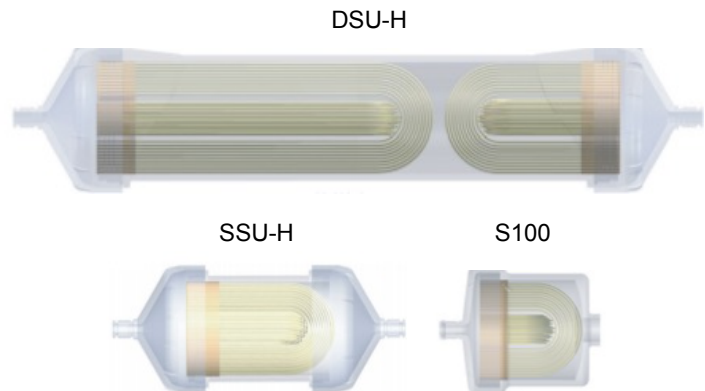
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## Specifications

	S100 <sup>(1)</sup>	SSU-H	DSU-H
<b>Max Inlet Pressure</b>	75 psi (5 bar)	75 psi (5 bar)	100 psi (6.8 bar)
<b>Filter Membrane<sup>(2)</sup></b>	Versatile® - PES	Medisulfone®	Medisulfone®
<b>Material</b>	Polysulfone	Polysulfone	Polysulfone
<b>Pore Size</b>	0.1 micron	0.005 micron	0.005 micron
<b>Bacteria Retention</b>	>10 <sup>9</sup> (B. diminuta)	>10 <sup>11</sup> (B. diminuta)	>10 <sup>11</sup> (B. diminuta)
<b>Virus Retention</b>	n/a	>10 <sup>8</sup> (PhiX-174)	>10 <sup>8</sup> (PhiX-174)
<b>Dimensions</b>	Sink: 4" L x 3" D Shower: 4" L x 3" D head + 7" handle	7" L x 2.5" D	13" L x 2.5" D
<b>Surface Area</b>	0.3 m <sup>2</sup>	0.9 m <sup>2</sup>	2.8 m <sup>2</sup>
<b>Clean Water Flow Rate</b>	Sink: 1.5 GPM at 50 psi (3.5 bar) Shower: 3.0 GPM at 30 psi (2 bar)	2.5 GPM at 30 psi (2 bar)	3.0 GPM at 60 psi (4 bar)
<b>Connections</b>	Sink: QC (CPC (PLC)) Shower: Threaded (1/2 NPSM)	QC (CPC (PLC)); Threaded (1/2 NPSM)	QC (CPC (PLC)); Threaded (1/2 NPSM)
<b>Replacement</b>	Up to 3 months	Up to 3 months	Up to 6 months
<b>Configuration</b>	Single-Stage Filtration	Single-Stage Filtration	Dual-Stage Filtration

**Nephros' proprietary hollow fiber membrane ultrafilter effectively retains bacteria and viruses found in water.**

The water permeability of the membrane is more than double that of membranes with comparable pore size, thus providing efficient flow performance relative to the physical filter size.



### Product Numbers

70-0280	S100 Sink Spout
70-0281	S100 Sink Spray
70-0282	S100 Hand Held
70-0283	SSU-H (quick connect)
70-0284	SSU-H (1/2" NPS thread)
70-0285	DSU-H (quick connect)
70-0286	DSU-H (1/2" NPS thread)

### Install Kits and Components

70-0273	Sink Adapter
70-0275	Swivel Shower Adapter
70-0290	Inline Ice Machine
70-0291	Inline Shower
70-0292	Inline Sink
70-0293	Disinfect
70-0297	DSU Filter Cover

### Trial Kits

70-0297F	Display Kit – S100 4-Room
70-0298F	Display Kit – Ice Machines
70-0299F	Display Kit – SSU/DSU Room

(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) Versatile® – PES and Medisulfone® are trademarks of Medica S.p.A.