

## Nephros Filters for Hospital Water Filtration

U.S. FDA 510K-cleared to aid in infection control

Contact us for more information

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### 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



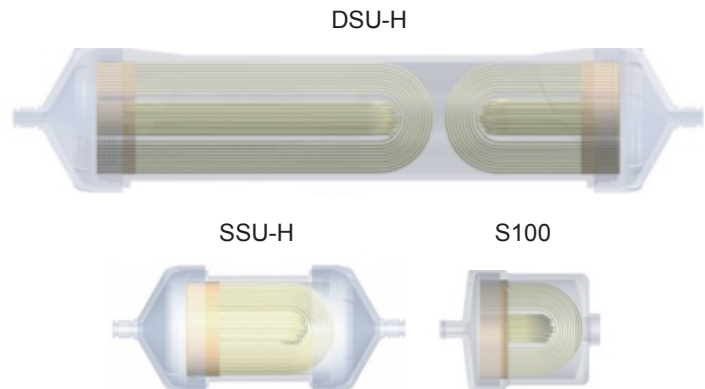
**With the risk of hospital associated infections and their associated costs on the rise, Nephros FDA-cleared hospital water filtration is an important addition to aid in infection control.**

## 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<br>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)<br>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))<br>Shower: Threaded (1/2 NPSM)                    | QC (CPC (PLC));<br>Threaded (1/2 NPSM) | QC (CPC (PLC));<br>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.