

Nephros Filters for Hospital Water Filtration

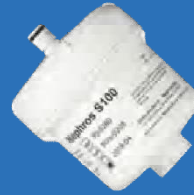
US FDA 510K cleared to aid in infection control



S100

For point of use at sinks and showers

- Single stage filtration design
- Barrier for bacteria and viruses
- For use up to 90 days



Sink Spout



Sink Spray



Hand Held

SSU-H

For ultra-filtration needs

- Single stage filtration design
- Barrier for bacteria and viruses
- For use up to 90 days

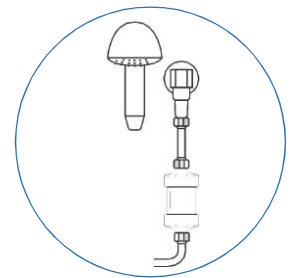
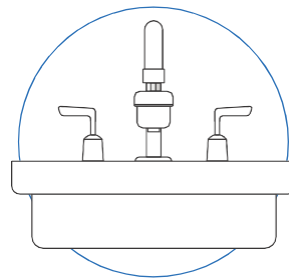
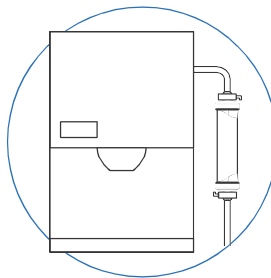
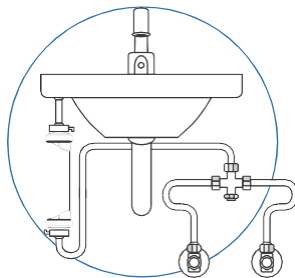
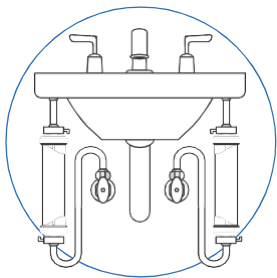


DSU-H

For ultra-filtration needs

- Dual Stage filtration design
- Barrier for bacteria and viruses
- For use up to 180 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.



For Use On:

- Sinks
- Showers
- Ice Machines
- Medical Equipment



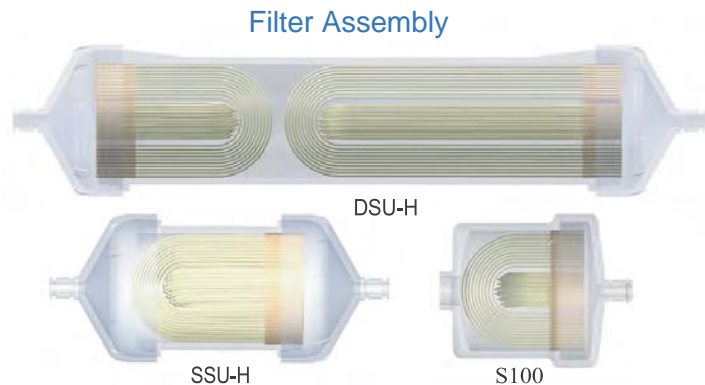
Specifications

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

*Versatile™ - PES and Medisulfone® are trademarks of Medica S.p.A.



Typical removal results of a Nephros filter.



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 size of the filter.

*All 5100 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.

Filters

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)

Trial Kits

70-0298	Display Kit - Ice Machines
70-0299	Display Kit - Room

Install Kits

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

Weas Engineering Inc.
 PO Box 550
 Westfield, IN 46074
 Tel: (317) 867-4477
 Email: Weas@weasengineering.com

WeasEngineering.com