

# Nephros Dual Stage Ultra Filters

For protection against waterborne infections

## BIOLOGICALLY PURE WATER

Benefit from Nephros Dual Stage Ultra-filters. Safe, simple and reliable water filtration removes waterborne bacteria, viruses, fungi, and cysts from tap water.

## REDUCE RISKS FOR AT-RISK PATIENTS

In hospitals, healthcare facilities and homes, immuno-compromised patients require a higher standard of water than tap or bottled water. Nephros DSU far exceeds the Centers for Disease Control recommendation of 0.2 µm bacterial filtration.

## FOR HIGH RISK PATIENT AREAS

- ICU/NICU
- TRANSPLANT
- ONCOLOGY
- HEMATOLOGY
- BURN UNIT
- SURGICAL
- PEDIATRICS
- GERIATRICS

## Biologically pure water. Simple. Safe. Reliable.



SINK & SHOWER  
FILTERS DELIVER  
BIOLOGICALLY  
PURE WATER FOR  
WASHING AND  
DRINKING

- Cost effective filtration eliminates water-borne pathogens such as bacteria, viruses, parasites, fungi, cysts and biological toxins (including ricin and botulinum toxin).
- Exceeds EPA purification requirements for potable water.
- Dual stage ultra-filtration provides a fail-safe design for ultimate reliability and safety to ensure no pathogen breakthrough.
- Exceptional performance offering long filter life while maintaining high flow rates.
- Complementary to chemical copper-silver ionization, thermal and other systemic water treatments.

Biologically safe water is the highest quality of drinking and bathing water. It's water free of bacteria, viruses, fungi and cysts. The NEPHROS DUAL STAGE ULTRA-FILTER (DSU™), effectively purifies biologically contaminated water. It is available in shower and sink models to provide extreme reliability and protection in hospitals, healthcare facilities and in the home.

While municipal water treatment has eliminated threats from many waterborne diseases, outbreaks of legionella, cryptosporidiosis, giardia, and others still occur. Healthy people may become sick from these diseases, but it is those people with weakened immune systems that are at greatest risk of serious, life threatening infections.

Hospital acquired infections are a significant problem in the U.S. For instance, Legionella pneumophila can survive for prolonged periods of time in tap water but won't grow or multiply unless supported by other organisms. For this reason, Legionella infections are often associated with other forms of contamination that shelter pathogens, allowing Legionella to be transported to locations throughout the water system.

With the risk in hospital acquired infections and associated costs on the rise, the Nephros DSU is an important addition to patient safety initiatives and to home care providers for prevention of water borne infections.

ABOUT NEPHROS, INC.

Nephros, Inc. headquartered in River Edge, New Jersey, is a medical device company developing and marketing products designed to improve the quality of life of patients and the general public.

Nephros has developed Mid-Dilution Hemodiafiltration, a unique fluid management system offering optimized removal of renal toxins. Aimed at improving the quality of life for End-Stage Renal Disease (ESRD) patients, it also addresses the critical financial and clinical needs of the care provider.

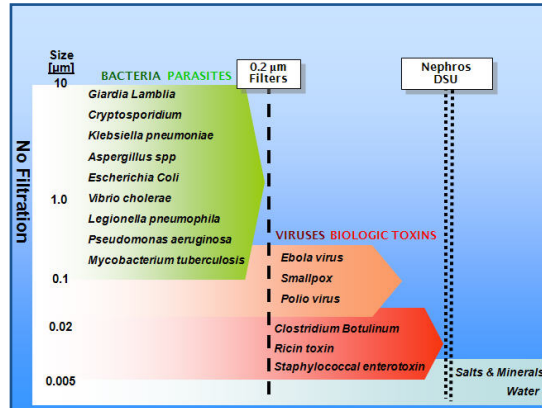
Nephros also markets a line of water filtration products, the Dual Stage Ultra-filter (DSU) that produces biologically safe water. The Company's patent-pending dual stage cold sterilization Ultra-filter has the capability to filter out bacteria, viruses, and parasites, and a range of other biotoxins.

For more information, please visit our website at: [www.nephros.com](http://www.nephros.com)



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Features and Benefits



The Nephros Dual Stage Ultra-filter uses a unique technology design to separate the smallest microbiological contaminants. The filter contains a 0.005 µm Membrane offering exceptional stopping power while maintaining high flow. The Nephros DSU can be used routinely at temperatures of up to 60° centigrade, while withstanding maximum operating pressures of 7 bar. The product has a storage shelf life of over 3 years and can provide over 4,000 liters/month of safe, clean water.

Product Specifications

- Fast, simple installation
- Attaches to threaded (NPS) or quick connect fittings (CPC)
- Designed to securely attach to pin-mount bracket systems
- No cumbersome treatment equipment or technologies required (no boiling, no distasteful chemical additives, no batteries)
- Filter membrane provides at least 3 months of performance life in frequent use

Dimensions

- Size: 13"(l) x 4"(w)
- Weight: 1 lb. (dry)

Packaging

- Individually packed in sterile blister pack
- Each pack contains 2 caps to seal "used" filter during each replacement
- 10 filters per case

Ordering Information

Order No.	Description
70-0230	In-line DSU (two 1/2" NPSM)
70-0231	Shower DSU (one 1/2" NPSM, one CPC)
70—232	Sink DSU (two CPC—MAPC)

Accessories

(Sink and In-line mount)

70-0241	Braided flex hose (1/2F x 3/8F x 12"L)
70-0242	Braided flex hose (3/8F X 3/8C x 18"L)
70-0251	Wall mount pin brackets
70-0261	Adapter (CPC F x 3/8 M)

(Shower mount)

70-0243	Braided flex hose (1/2F x 3/8F)
70-0252	Wall mount side bar w/pin mounts
70-0261	Adapter (CPC-F x 3/8M)
70-0262	Hand held shower and hose



"Nephros Dual Stage Ultra-Filter – Durability combined with the safety & reliability of true redundant filtration."

Specifications	Nephros DSU
Sterilization Method	Ethylene Oxide
Max Inlet Pressure	7 bar (100 psi)
Max Inlet Temperature	60°C (140°F)
Filter Membrane Material	Medisulfone <sup>R</sup> Polysulfone
Pore size	0.005µm
Bacteria retention	>10 <sup>10</sup> (B. diminuta)
Virus retention	>10 <sup>8</sup> (PhiX-174)
Endotoxin retention	>10 <sup>5</sup> EU/ml
Connections	1/2" NPS/CPC (APC)
Recommended Replacement Cycle	3 Months