

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 INFECTIONS FOR AT-RISK PATIENTS

According to the CDC, Pneumonia accounts for approximately 15% of all HAI's, and 27% and 24% of all infections acquired in ICU and coronary care units, respectively. For HAI-associated pneumonia, attributable mortality rates of 20%-33% have been reported.

FOR HIGH RISK PATIENT AREAS

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

Nephros Prevent! Nephros Protect!

Eliminate Legionella and other water borne pathogens.



Nephros Dual Stage Ultrafilters can reduce water borne Hospital Acquired Infections.

Dual Stage. Dual Protection.

- Protect your patients and healthcare professionals
- Be Proactive! Eliminate HAIs caused by waterborne pathogens such as Legionella, Pseudomonas, Viruses, Cysts, Fungi, as well as Biotoxins
- Save on increasing costs of patient care due to extended hospital stays and administrative labor

Nephros Prevent! Kit: Packaged with point-of-use DSU filters for ICU, NICU, Burn Units, Oncology, or other immunocompromised patient rooms with showers and sinks.

Nephros Protect! Kit: Packaged with point-of-use DSU filters for inline applications such as ice machines, endoscopic cleaners, ventilator equipment, autoclaves, and other clinical water handling equipment.

Nephros mitigation kits are an economical solution for healthcare facilities to mitigate and provide long term protection against water borne infectious diseases. Healthcare facilities such as hospitals, assisted living homes, medical teaching centers, dental and ambulatory centers can *immediately* mitigate and reduce risk and costs of hospital acquired infections.

Nephros mitigation kits come in two configurations. Each kit comes with five Nephros patent-pending Dual Stage Ultrafilters (DSU™) to provide biologically pure water, as well as all mounting accessories, and three full water panel sample kits to test current water quality at suspected sites.

Why Nephros Mitigation Kits

Healthcare professionals, hospital preventionists and facilities managers increasingly recognize that incidences of pneumonia originating from contaminated water can not only be costly “never events” but often, deadly. “Never Events” according to the CMS, are errors in medical care that are clearly identifiable, preventable, and serious in their consequences for patients, and that indicate a real problem in the safety and credibility of a healthcare facility. Nephros Mitigation Kits allow you to take immediate and effective measures -- proactively.

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 biotoxins.

For more information, please visit our website at: www.nephros.com

Features and Benefits

Major hospitals and healthcare centers are benefiting from Nephros DSU filters:

- Dual Stage Ultrafiltration provides double filtration and fail-safe protection
- Removes bacteria, viruses, parasites, fungi, cysts, and biotoxins such as ricin, botulinum toxin, and cryptosporidium.
- Filter contains a 0.005 µm pore size membrane dramatically exceeding the CDC requirement of 0.2 µm bacterial filtration for potable water.

"If a patient experiences an HAI in the ICU, his length of stay in the ICU may be prolonged up to 6 days and in the hospital up to 9 days, with increased costs estimated between at \$40,000 - \$60,000 per patient." CDC

- Complements other chemical or systemic water treatments
- Easy installation and maintenance using quick connect fittings
- Dramatically exceeds purification requirements for potable water

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

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)
- Filter membrane provides at least 3 months of performance life in frequent use



Ordering Information

Order No. Description
 70-0272 Nephros Protect!
 70-0271 Nephros Prevent!

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™ Polysulfone
Pore size	0.005µm
Bacteria retention	>10 ¹⁰ (<i>B. diminuta</i>)
Virus retention	>10 ⁸ (PhiX-174)
Endotoxin retention	>10 ⁵ EU
Connections	1/2" NPS/CPC (APC)
Recommended Replacement Cycle	3 Months

Medisulfone™ is a registered trademark of Medica S.r.l. Italy



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