

Nephros HydraGuard® UltraFilter

Superior Endotoxin Filtration Through Size Exclusion

The Nephros HydraGuard UltraFilter offers superior, 5-log endotoxin retention for up to 6 months. The HydraGuard UltraFilter is intended for EPA-quality water and placement following other water treatment equipment, such as reverse osmosis.

- Ideal for applications within sterile processing, laboratories, manufacturing, and high-volume equipment
- Assists in preparing water to meet the standards defined by ANSI/AAMI ST108, ASHRAE 514, and VHA Directive 1061
- 222 O-ring cartridge filter for flexible installation
- Offers FDA 510(k)-cleared retention of bacteria, viruses, and endotoxins
- Capable of in-place disinfection with 1% bleach solution
- Long, continuous filter life up to 180 days (6 months)



Contact us for more information

(201) 343-5202

sales@nephros.com

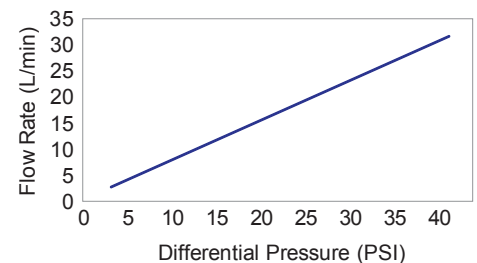
The 0.005 micron pore size filter media offers the tightest control of endotoxins, bacteria, and viruses on the market

Specifications

Compatible Disinfection⁽¹⁾	Chemical – 1% Bleach
Max Inlet Temperature	27°C (80°F)
Max Inlet Pressure⁽²⁾	100 psi (6.8 bar)
Material	Polysulfone
Pore Size	0.005 micron
Bacteria Retention	>10 ¹¹ (B. diminuta)
Virus Retention	>10 ⁸ (PhiX-174)
Endotoxin Retention	>10 ⁵ EU/ml
Size	10" / 20" L x 2.5" D
Membrane Surface Area	2.6 m ² / 5.2 m ²
Connection	222 O-Ring
Replacement⁽³⁾	Up to 6 months

(1) Suitable for in-place disinfection with 1% bleach solution. (2) For inlet pressures above 75 psi, a pressure regulator should be installed (≤75 psi) to account for plumbing system pressure fluctuations (typically up to +/- 25 psi). A hammer arrester should be installed in applications where water hammer may be present. (3) Expected life depends on water quality.

Clean Water Flow Per 10" Segment



Product Numbers

70-0111	HydraGuard 10" UltraFilter
70-0121	HydraGuard 20" UltraFilter
70-0116	10" Housing Kit, Reverse Flow
70-0127	20" Housing Kit, Reverse Flow

NEPHROS.COM

Nephros is committed to improving the human relationship with water through leading, accessible technology. We provide innovative water filtration products and services, along with water-quality education, as part of an integrated approach to water safety. Nephros goods serve the needs of customers within medical and commercial markets, offering both proactive and emergency solutions for water management.