

ENX™

Ultrafilter for Endotoxin Removal

Filter for Use in Hemodialysis Water and Concentrate Devices

The ENX™ Ultrafilter assists in preparing water or bicarbonate concentrate to meet the requirements for the production of ultrapure dialysate according to the ANSI/AAMI 11663 standard. The filter's unique proprietary single-stage design removes bacteria, viruses, endotoxins and other contaminants greater than 0.005 micron (5 nanometers), and has an expected life of up to 6 months.

Standard Features

- To be used in conjunction with other water treatment equipment
- Removes bacteria, viruses, endotoxins and other contaminants greater than 0.005 micron (5 nm)
- Withstands chemical and heat disinfection procedures
- Compatible with Wall Box or Individual RO Installation
- BPA Free membrane
- Dialysis Install Kit for easy installation in several configurations
- 1/4 quick connect fitting inlet/outlet with available retrofit kits

Product Specifications	
Filter Membrane	MediSulfone® membrane
Material	Polysulfone
Pore Size	0.005 micron (5 nm)
Max. Flow Rate	1.8 gpm (6.81 lpm)
Bacteria Retention	11 log reduction (B. diminuta)
Virus Retention	8 log reduction (PhiX-174)
Endotoxin Retention	5 log reduction EU/ml
Dimensions	6.30" L x 1.96" D
Connections	Proprietary 1/4" quick connect
Recommended Replacement Cycle	Up to 6 months post RO/DI
Disinfection Methods Compatible	Chemical, Heat
Max. Inlet Pressure	75 psi (5 bar)
Max. Inlet Pressure During Heat Cycle	30 psi (2 bar)
Potting Material	Polyurethane
Housing and Endcaps	Medical Grade Acrylonitrile Butadiene Styrene

510(k) Medical Device



A CLOSER LOOK AT THE ENX™ ULTRAFILTER



Quick connect fittings streamline installation with portable water system



Compact capsule filter provides endotoxin removal at the point of use

Ordering Information

Part Number	Description
3030047	(1) ENX™ Ultrafilter, Capsule, Polysulfone, 0.005M
3032282*	Installation Kit, with 3/8" Hose Barb & 1/4" Stem Fittings, Retrofits Posiclear® (P/N-3027590)
3032283*	Installation Kit, with 3/8" Hose Barb & 1/4" Hose Barb and 1/4" Stem Fittings, Retrofits Posiclear® (P/N-3027591)
3032284*	Installation Kit, with 1/4" Hose Barb & 1/4" Stem Fittings, Retrofits Posiclear® (P/N-3027772)

*Capsule not included in kit

INSTALLATION GUIDELINE FOR INLINE ENX™ ULTRAFILTER INCLUDING POSICLEAR® CAPSULE FILTER REPLACEMENT



3032282 (Retrofits 3027590)		3032283 (Retrofits 3027591)		3032284 (Retrofits 3027772)	
DESCRIPTION	QTY	DESCRIPTION	QTY	DESCRIPTION	QTY
3/8 Hose Barb In-Line Coupling Body	2	3/8 Hose Barb In-Line Coupling Body	1	1/4 Hose Barb In-Line Coupling Body	2
1/4 Tube Stub Coupling Insert (APC NSF)	2	1/4 Hose Barb In-Line Coupling Body	1	1/4 Tube Stub Coupling Insert (APC NSF)	2
SS Hose Clamp, 16-18 mm	2	1/4 Tube Stub Coupling Insert (APC NSF)	2	SS Hose Clamp, 12.5-14 mm	2
		SS Hose Clamp, 12.5-14 mm	2		
		SS Hose Clamp, 16-18 mm	1		

Note: Refer to P/N: 3032281 provided with the retrofit kits for additional detail on installation and replacement of capsule filter.

Product Information

Filter Performance

A decrease in flow may indicate that the filter is clogging or the capsule is air locked. Typical filter pressure drop is low (a few PSI). Air may accumulate in the capsule and may have to be periodically released.

Replacement Frequency

The filter should be replaced if the flowrate noticeably decreases or at least every 6 months.

Cleaning/Disinfection Recommendations

The filter should be disinfected whenever the RO or distribution system is disinfected.

Disinfectant Compatibility

Hot water

The ENX™ Ultrafilter is compatible with hot water disinfection systems (regular hot water disinfection of up to 85°C).

Peracetic acid based disinfectants

Disinfect the filter with a 1% to 2% solution of Minncare® Cold Sterilant or Minncare® HD Disinfectant.

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MINNCARE® is a registered trademark of Medivators, Inc.

MediSulfone® is a registered trademark of Medica S.p.A.

Posiclear® is a registered trademark of Gambro Lundia AB.

CAUTION: Federal Law (USA) restricts this device to sale by, or on the order of a physician. Read instructions for use prior to patient application.



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