

## ENX<sup>®</sup>

### Ultrafilter for Endotoxin Removal

#### 510(k) Medical Device

#### GENERAL INFORMATION

The ENX<sup>®</sup> Ultrafilter assists in preparing water or bicarbonate concentrate to meet the requirements for the production of ultra pure 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.

#### PRODUCT INFORMATION

The ENX Ultrafilter assists in preparing water or bicarbonate concentrate to meet the requirements for the production of ultra pure 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.

##### 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 flow rate 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<sup>®</sup> HD Disinfectant.



#### 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

## ENX® ULTRAFILTER 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

## ORDERING INFORMATION

Part Number	Description
W2T912244	(1) ENX® Ultrafilter, Capsule, Polysulfone, 0.005M
W2T914195	Installation Kit, with 3/8" Hose Barb & 1/4" Stem Fittings, Retrofits Capsule Filter (P/N W2T914195)
W2T914197	Installation Kit, with 3/8" Hose Barb & 1/4" Hose Barb and 1/4" Stem Fittings, Retrofits (P/N W2T914197)
W2T914196	Installation Kit, with 1/4" Hose Barb & 1/4" Stem Fittings, Retrofits (P/N W2T914196)

\*Capsule not included in kit

## INSTALLATION GUIDELINE FOR INLINE ENX ULTRAFILTER INCLUDING POSICLEAR CAPSULE FILTER REPLACEMENT



### W2T914195 (RETROFITS 3032282)

DESCRIPTION	QTY
3/8 Hose Barb In-Line Coupling Body	2
1/4 Tube Stub Coupling Insert (APC NSF)	2
SS Hose Clamp, 16-18 mm	2

### W2T914197 (RETROFITS 3032283)

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

### W2T914196 (RETROFITS 30322834)

DESCRIPTION	QTY
1/4 Hose Barb In-Line Coupling Body	2
1/4 Tube Stub Coupling Insert (APC NSF)	2
SS Hose Clamp, 12.5-14 mm	2



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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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