

**Baxter**

U9000  
ULTRAFILTER

# U9000 ULTRAFILTER

Designed to produce ultrapure dialysis fluid\*



\* Intended to be used in conjunction with a water treatment system

# U9000 ULTRAFILTER

## INDICATIONS

The **U9000** ultrafilter is indicated for purification of incoming water for dialysis fluid as well as purification of dialysis fluid to obtain microbiological high quality dialysis fluid. The risk of exposure to bacteria and endotoxins can thereby be minimized.

The **U9000** ultrafilter is intended to be used in conjunction with a water treatment system.

## MATERIALS

Membrane	PAES/PVP
Potting material	Polyurethane (PUR)
Housing and caps	Polycarbonate (PC)
Gasket	Silicone rubber

## CHARACTERISTICS

Effective membrane area (m <sup>2</sup> )	2.4
Priming volume lumen (ml)	145
Priming volume filtrate side (ml)	290
Compatibility	The <b>U9000</b> ultrafilter is only compatible with the Baxter HD system equipped with the <b>U9000</b> holder

## TYPICAL RETENTION VALUES

FOR BACTERIA AND ENDOTOXINS	LRV*
Bacterial challenge: Pseudomonas diminuta ATCC 19146	> 7
Endotoxin challenge: E. coli O55:B5 endotoxin (Whittaker, USA)	> 3.5

\* LRV = log10 (number of organisms in challenge suspension/number of organisms in filtrate)

## PERFORMANCES

### Typical pressure drop

Q<sub>F</sub> = 500 ml/min – dialysis fluid  
at temperature = 37°C < 100 mmHg

### Lifetime

On the **AK98** V2, V3 and **Artis** dialysis system:

The **U9000** ultrafilter shall be changed after 3 months of usage or 150 disinfection cycles, whichever comes first

On the **AK 96** and **AK 98** V1 dialysis system:

The **U9000** ultrafilter shall be changed after 2 months of usage or 100 disinfection cycles, whichever comes first

Maximum 12 disinfections with sodium hypochlorite over the lifetime of the **U9000**

Maximum 8 disinfections with sodium carbonate over the lifetime of the **U9000**

### Disinfection / decalcification

The **U9000** ultrafilter is disinfected with the dialysis machine. Follow the disinfection program recommended in the operator manual of the dialysis machine

The **U9000** ultrafilter is compatible with the following chemical agents:

- Peracetic acid (≤0.1%)
- Sodium carbonate (≤0.5%)
- Sodium hypochlorite (≤0.5%)
- Citric acid (≤2.0%)

The **U9000** ultrafilter is compatible with heat disinfection

## PRODUCT INFORMATION

Product code	Designation	Unit per box
112062	<b>U9000</b>	16
114604	<b>U9000</b> APAC	16

**For safe and proper use of the device, please refer to the Instructions for Use**

**CE 2797**