

**Baxter**

U 8000 S

ULTRAFILTER

# U 8000 S ULTRAFILTER

Designed to produce ultrapure dialysis fluid\*



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

# U 8000 S ULTRAFILTER

## INDICATIONS

The **U 8000 S** 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 **U 8000 S** ultrafilter is intended to be used in conjunction with a water treatment system.

## MATERIALS

Membrane	PAES/PVP/PA
Potting material	Polyurethane (PUR)
Housing and caps	Polycarbonate (PC)
Sterile plug	Polypropylene (PP)

## CHARACTERISTICS

Effective membrane area (m <sup>2</sup> )	2.1
Priming volume lumen (ml)	152
Priming volume filtrate side (ml)	306
Sterilization	Steam

Compatibility: The **U 8000 S** ultrafilter is only compatible with the Baxter HD system equipped with the **U 8000 S** 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)	> 2.3

\* LRV = log<sub>10</sub> (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

The **U 8000 S** ultrafilter shall be changed routinely every month or after maximum 2 months of usage, depending on the results from the microbiological controls of the ultrapure dialysis fluid

### Disinfection / decalcification

The **U 8000 S** ultrafilter is disinfected with the dialysis machine. Follow the disinfection program recommended in the operator manual of the dialysis machine

The **U 8000 S** ultrafilter is compatible with the following chemical agents:

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

The **U 8000 S** ultrafilter is compatible with heat disinfection

## PRODUCT INFORMATION

Product code	Designation	Unit per box
101902	Ultrafilter <b>U 8000 S</b>	16
106679	<b>U 8000 S</b> APAC	16

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

CE 2797