

Baxter

Diaclear
ULTRAFILTER

DIACLEAR ULTRAFILTER

Designed to produce ultrapure dialysis fluid*



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

DIACLEAR ULTRAFILTER

INDICATIONS

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

MATERIALS

Membrane	PAES
Potting material	Polyurethane (PUR)
Housing	Polycarbonate (PC)

CHARACTERISTICS

Effective membrane area (m ²)	1.3
Priming volume lumen (ml)	98
Priming volume filtrate side (ml)	125
Sterilization	Gamma rays

Compatibility: The **Diaclear** ultrafilter is only compatible with the Baxter HD system equipped with the **Diaclear** 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_F = 500 ml/min – dialysis fluid
at temperature = 37°C < 100 mmHg

Lifetime

The **Diaclear** ultrafilter shall be changed routinely after 50 dialysis sessions or after maximum 100 heat disinfections, depending on the results from the microbiological controls of the ultrapure dialysis fluid

Disinfection / decalcification

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

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

- Peracetic acid (≤0.1%)
- Acetic acid (≤1%)
- Sodium hypochlorite (≤0.5%)
- Citric acid (≤2.0%)

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

PRODUCT INFORMATION

Product code	Designation	Unit per box
106887	Diaclear Ultrafilter	12

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

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