

# D150/W

## High Performance Anti Pyrogenic Ultrafilter for Replacement Solutions

MediSulfone® UF membrane



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hollow fiber membrane  
is a registered trade mark of MEDICA S.p.A.

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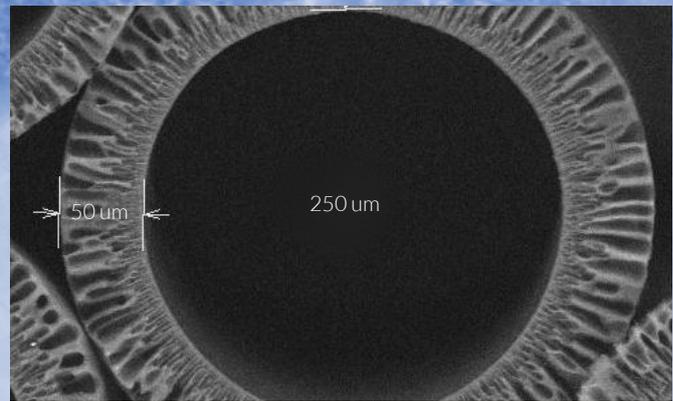
# MEMBRANE SPECIFICATIONS AND DATA

## APPLICATION AREAS

The MEDICA D150/W Pyrogen Removal Ultrafilter is suitable for filtering and the removal of pyrogen and endotoxins from water solutions such as replacement solutions for ON-LINE HDF.

The pyrogen content of the initial solution is reduced by a factor of 10E-5.

The MEDICA D150/W Ultrafilter is suitable to work with maximum transmembrane pressure values up to 500 mmHg.



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## STERILIZATION

The D150/W filters can be supplied non sterile, a sterilization procedure must be provided prior to use, due to their own physical characteristics the filters are suitable and recommended to be sterilized with ETO (Ethylene oxide gas), Beta and Gamma rays.

Make sure that the filters have been sterilized properly before use and check the package is completely intact.

The MEDICA D150/W Pyrogen removal ultrafilters are for single use only.

## RETENTION CAPACITY

- Bacteria LRV ≥ 10
- Virus LRV ≥ 8
- Endotoxin LRV ≥ 5

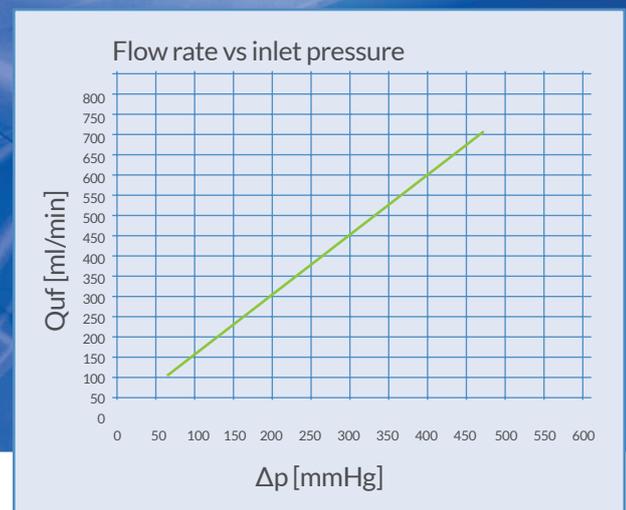
The D150/W MEDICA Ultrafilter must be prerinsed according to the same procedure in use for blood lines. Use/open the Vent/Spilling cap to initially fill membrane lumen with solution.

Later on it will be possible to remove additional air bubbles following the same procedure. After the prerinsing is ended the filter is ready to use.

## PRECAUTIONS

In case the D150/W Ultrafilter is used to filter replacement solutions during in-vivo treatment such as on-line hemofiltration or similar, which are performed on humans, ensure that the filtered solution available at the D150/W output is injected before a bubble trap or the venous blood chamber to avoid undesired air bubbles injections to the patient.

Effective filtration area	0,25 m <sup>2</sup>
Total fluid volume	41 ml
Hollow fiber material and Cut off	MediSulfone® UF Polysulfone - 15,000 Daltons
Hollow fiber internal diameter	250 µm
Potting compound	Polyurethane
Cartridge housing and blood port material	Copolyester
Ultrafilter Unit length (mm)	173 mm
Cartridge outside diameter (mm)	28 mm
Max TMP (mmHg)	500 mmHg
Sterilization method	Beta, Gamma rays or EtO
Product code Unsterile	M90118
Connectors	tube site



Distributed by



MANUFACTURER

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