

Baxter



HF20 SET FOR CRRT FOR LOW BODY WEIGHT PATIENTS

Membrane for CRRT Powered By
PrisMax and Prismaflex

The HF20 set should be restricted to patients with a body weight greater than 8kg (18lbs)

HF20 SET

The **Prismaflex** set is indicated for use only with the **Prismaflex** control unit or with software version 4.0 or later, with the **PrisMax** control unit (in countries where **PrisMax** is cleared or registered) in providing continuous fluid management and renal replacement therapies. The system is intended for patients who have acute renal failure, fluid overload, or both.

PHYSICAL CHARACTERISTICS ⁽¹⁾

	HF20 set
Membrane effective surface area	0.2 m ²
Fiber internal diameter (wet)	215 µm
Fiber wall thickness	50 µm
Blood volume in set	58 mL
Overall dimensions	27 x 22 x 9 cm
Weight	677 g
Minimal patient weight	8 kg

MATERIALS

PAES hollow fiber: Polyarylethersulfone
Housing and headers: Polycarbonate
Potting compound: Polyurethane
Tubing material: Plasticized polyvinyl chloride (PVC)
Cartridge: PETG

OPERATING PARAMETERS

Maximum TMP (mmHg/kPa)	500/66.6
Maximum blood pressure (mmHg/kPa)	500/66.6
Minimum blood flow rate	20 mL/min
Maximum blood flow rate	100 mL/min

CLEARANCES

Clearance (mL/min) (saline solution ; 37°C)

Parameters QB/QS QUF	20 mL/min 0 mL/min					50 mL/min 0 mL/min					100 mL/min 0 mL/min				
	0.5	1	1.5	2	2.5	0.5	1	1.5	2	2.5	0.5	1	1.5	2	2.5
QD-L/h	8	17	25	33	42	8	17	25	33	42	8	17	25	33	42
QD-mL/min	8	12.5	14.5	15.7	16.5	8.3	15.5	20.9	25.1	28.7	8.3	16.4	23.6	30.1	36.3
Urea (±10%)	7.8	11.7	13.6	14.7	15.6	8.3	15.0	19.7	23.1	26.0	8.3	16.2	22.9	28.5	33.5
Creatinin (±10%)	6.5	8.6	9.5	10.0	10.3	7.6	11.7	13.9	15.4	16.5	8.1	13.9	17.6	20.3	22.5
Vitamin B12 (±20%)	5.6	7.0	7.5	7.8	7.9	6.9	9.8	11.2	12.1	12.7	7.9	12.6	15.2	16.9	18.1
Inulin (±20%)															

PERFORMANCE SPECIFICATIONS ⁽²⁾

Maximum ultrafiltration rate (mL/min) ⁽³⁾
(bovine blood, Hct 32%, Cp 60 g/L, 37°C)

QB (mL/min)	20	50	100
Max.QUF (± 20%)	9	17	24

Sieving coefficient
(bovine plasma, Cp 60 g/L, 37°C)
QB = 50 mL/min, QUF = 10 mL/min

• Urea	1.00
• Vitamin B ₁₂	1.00
• Inulin	0.92
• Albumin	<0.01

- (1) Nominal values – given for indication
(2) Typical mean values obtained from laboratory testing of post-sterilization sample lots. Results may vary depending on patient and clinical conditions.
(3) Ultrafiltration is controlled by the control unit and is independent of the ultrafiltration coefficient (KUF).

ACRONYMS

TMP:	Transmembrane pressure
QB/QS:	Arterial blood flow rate
QUF:	Ultrafiltration flow rate (fluid removal + replacement flow rate + pre blood pump flow rate)
QD:	Dialysate flow rate
Hct:	Hematocrit
Cp:	Protein concentration

ORDERING INFORMATION

	Code N°	N° units/box
HF20 set	109841	4
HF20 set CKT	115313	

For safe and proper use of the devices mentioned herein, please refer to the Instructions for Use.
Latest IFU date: 2018-07-02.

NORD/MG120/20-0003

www.baxter.se
Baxter Medical AB
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