

Prismaflex HF20 set

Prismaflex set for CRRT in low body weight patients.
The Prismaflex HF20 set should be used only for patients with a body weight above 8kg (18lbs).



POWERED BY
prismaflex

Prismaflex HF20 set

The **Prismaflex** set is indicated for use only with the **Prismaflex** control unit equipped with software version 4.00 or later in providing continuous fluid management and renal replacement therapies. The system is intended for patients who have acute renal failure, fluid overload, or both.

General Data

Prismaflex HF20 Set	
Weight	664 g
Overall dimensions	27 x 22 x 9 cm
Blood volume in set (±10%)	60 ml
Required volume for priming	500 ml
Materials	
PAES hollow fiber: Polyarylethersulfone	
Housing and headers: Polycarbonate	
Potting compound: Polyurethane	
Tubing material: Plasticized polyvinyl chloride (PVC)	
Cartridge: PETG	
Filter operating specifications	
Maximum TMP* (mmHg/kPa)	500/67
Maximum blood pressure (mmHg/kPa)	500/67
Minimum blood flow rate:	20 ml/min
Maximum blood flow rate:	100 ml/min
*Transmembrane pressure	
Filter data	
Nominal physical characteristics	
Effective surface area	0.2m ²
Fiber internal diameter (wet)	215 µm
Fiber wall thickness	50 µm
Blood priming volume (filter only)	17 ml

In Vitro Performance Specifications†

Blood pressure drop (post-dilution)			
(Bovine blood, Q _{UF} *** = 0 l/h Hct**** 32%, Cp***** 60 g/l, 37°C)			
Q _B ** = ml/min	20	50	100
Blood pressure drop (post dilution) mmHg	25	37	59
Blood flow rate *Ultrafiltration flow rate ****Hematocrit *****Protein Concentration			
† Typical mean values obtained from laboratory testing of post-sterilization sample lots. Results may vary depending on patient and clinical conditions.			
Sieving coefficient			
(Bovine plasma, Cp 60 g/l, T = 37°C)			
Q _B ** = 50 ml/min, Q _{UF} *** = 10 ml/min			
Solute = SC, Urea = 1, Vitamin B12 = 1, Inulin = 0.92, Albumin <0.01			

Sweden:
Baxter Medical AB
Box 63,
164 94 Kista
T: 08-632 64 00
www.baxter.se

Denmark:
Baxter A/S
Tobaksvejen 2A
2860 Søborg
T: 4816 6400
www.baxter.dk

Finland:
Baxter Oy
PL 119,
00181 Helsinki
T: (09) 8621 111
www.baxter.fi

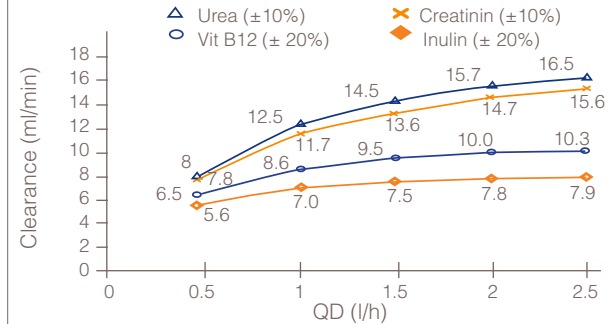
Norway:
Baxter AS
Gjerdrumsvei 11
0484 Oslo
T: 22 58 48 00
www.baxter.no

Baxter

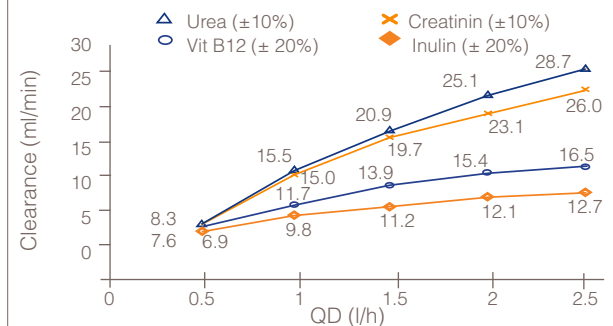
CVVHD clearances

(Continuous veno-venous hemodialysis). Clearances versus inlet dialysate flow rate (37°C) variable QD, variable QB, Q_{UF} = 0 ml/min

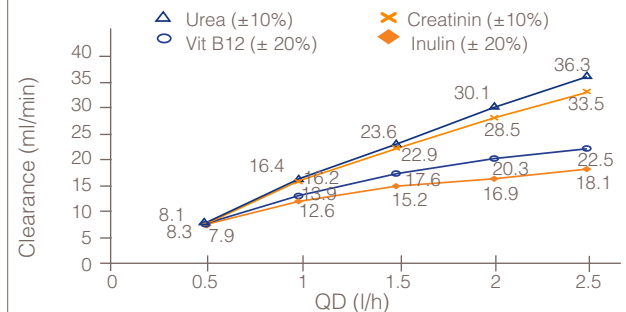
Clearance data at QB = 20 ml/min



Clearance data at QB = 50 ml/min

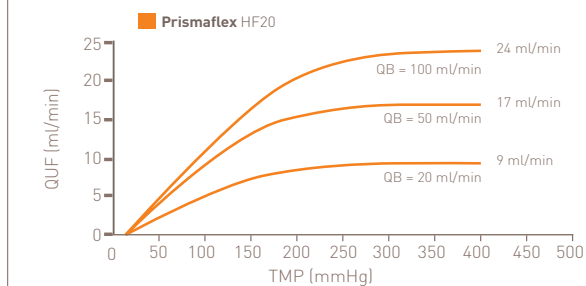


Clearance data at QB = 100 ml/min



CVVH performances

Ultrafiltration with blood



In vitro ultrafiltration with blood (values ± 20%). (Bovine blood at 37°C, Hct 32%, Protein concentration 60 g/l). Ultrafiltration is controlled by the **Prismaflex** system and is independent of the ultrafiltration coefficient (KUF).

Ordering Information

	Code N°	N° units/box
Prismaflex HF20 set	109841	4