



Hollow Fiber Dialyzer HF Series



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Hollow Fiber Dialyzer HF Series

CE0197

Model	B-14HF			B-16HF			B-18HF			B-20HF			B-22HF			B-24HF		
QB(mL/min)	200	300	400	200	300	400	200	300	400	200	300	400	200	300	400	200	300	400
Urea	193	263	305	195	270	316	197	278	325	197	282	335	198	289	345	199	295	353
Clearance (mL/min)	Creatinine			186	235	275	191	250	290	196	260	300	197	270	311	198	279	322
	Phosphate			182	239	309	188	255	315	192	269	334	195	281	340	196	288	352
	Vitamin.B12			138	160	180	146	165	190	156	185	200	167	200	212	172	211	222
	Inulin			100	124	125	119	131	132	130	140	144	142	150	154	154	159	165

Test condition: $Q_D=500\text{mL/min}$, $Q_F=10\text{mL/min}$, temperature $37^\circ\text{C}\pm 1^\circ\text{C}$

Model	B-14HF	B-16HF	B-18HF	B-20HF	B-22HF	B-24HF
Effective Surface Area (m^2)	1.4	1.6	1.8	2.0	2.2	2.4
Priming Volume (mL)	87	100	109	120	138	156
UFR(mL/hr/mmHg)	48	55	60	66	72	77

Membrane		Polyethersulfone
Potting material		PU
Housing and caps material		PP
Sterilization		Radiation
Wall thickness(μm)		40
Int.diameter(μm)		200
Max TMP (mmHg)		500
Sieving	Inulin	1.0 ± 0.1
	$\beta 2$ - microglobulin	≥ 0.7
Coefficients	Myoglobin	0.55 ± 0.1
(S.C.)	Albumin	≤ 0.01

Test condition: UFR with anticoagulation bovine plasma, HCT 32%, protein $60\pm 5\text{g/L}$, temperature $37^\circ\text{C}\pm 1^\circ\text{C}$, $Q_B=300\text{mL/min}$, $\text{TMP}=100\text{mmHg}$
S.C.: with anticoagulation bovine plasma, protein $60\pm 5\text{g/L}$, temperature $37^\circ\text{C}\pm 1^\circ\text{C}$, $Q_B=200\text{mL/min}$, $Q_F=30\text{mL/min}$:

Manufactured for Pioneers Company

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