

Hollow Fiber Dialyzers HF Series



VITAL HEALTHCARE SDN.BHD.

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Model	V-14HF	V-16HF	V-18HF	V-20HF	V-22HF	V-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	155
URF(mL/hr/mmHg)	48	55	60	66	72	77

Model	V-14HF			V-16HF			V-18HF			V-20HF			V-22HF			V-24HF			
QB(mL/min)	200	300	400	200	300	400	200	300	400	200	300	400	200	300	400	200	300	400	
Clearance (mL/min)	Urea	193	262	304	195	269	315	196	277	324	197	281	335	198	288	344	199	295	353
	Creatinine	185	233	275	190	248	290	193	258	300	195	269	311	197	278	322	199	292	333
	Phosphate	182	238	308	188	254	314	192	268	328	195	280	337	197	289	355	199	295	362
	Vitamin.B12	139	161	181	148	166	191	157	186	201	167	199	212	173	210	223	179	220	234
	Inulin	100	124	125	119	131	132	130	140	144	142	150	154	154	159	165	165	168	176

Test condition: Q_D=500mL/min, Q_F=10mL/min, temperature 37°C ± 1°C

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
	β2- microglobulin	≥0.7
Coefficients (S.C.)	Myoglobin	0.55±0.1
	Albumin	≤0.01

Test condition: k_{uf} with anticoagulation bovine plasma, HCT 32%, protein 60±5g/L, temperature 37±1°C, Q_B=300mL/min, TMP=100mmHg
S.C.: with anticoagulation bovine plasma, protein 60±5g/L, temperature 37±1°C, Q_B=200mL/min, Q_F=30mL/min: