

Hemodialyzers



At NephroCan, we offer a wide range of both polysulfone and polyethersulfone, high flux and low flux NephroFilters, designed using the latest technology and to the best standards. Our NephroFilters consist of the most effective, hollow-fibre materials, for single-use blood purification, all with patient safety in mind.

Our expert team of nephrologists, nurses and medical professionals have spent years perfecting the NephroFilter, allowing it to perform with the highest efficiency. We believe each patient is unique, and therefore, our dialyzers have been created to accommodate every treatment requirement.

Polysulfone Hemodialyzer Specifications

Low Flux, Sterilized with Ethylene Oxide Gas (EO)

Model	Ultrafiltration Coefficient (ml/hr*mmHg)	Clearances (ml/min)										Blood Priming Volume (ml)	Surface Area (m ²)
		Urea		Creatinine		Phosphate		Vitamin B ₁₂		Inulin			
		QB=200	QB=300	QB=200	QB=300	QB=200	QB=300	QB=200	QB=300	QB=200	QB=300		
NephroPS10E	6.8	183	231	164	196	140	158	73	78	-	-	59	1.0
NephroPS13E	8.8	191	243	176	218	150	178	86	93	-	-	69	1.3
NephroPS16E	12.9	195	266	184	237	161	192	111	125	-	-	86	1.6
NephroPS18E	15.5	197	276	188	259	171	211	129	144	-	-	105	1.8

Low Flux, Sterilized with Gamma Irradiation (R)

NephroPS10R	8.1	183	234	164	199	140	162	85	92	-	-	59	1.0
NephroPS13R	10.5	191	253	176	221	151	180	98	107	-	-	69	1.3
NephroPS16R	12.9	195	266	184	237	161	192	111	125	-	-	86	1.6
NephroPS18R	14.6	196	269	188	246	165	201	118	133	-	-	105	1.8
NephroPS20R	16.2	197	275	189	249	170	212	121	137	-	-	109	2.0

Polysulfone Hemodialyzer Specifications

High Flux, Sterilized with Ethylene Oxide Gas (EO)

Model	Ultrafiltration Coefficient (ml/hr*mmHg)	Clearances (ml/min)										Blood Priming Volume (ml)	Surface Area (m ²)
		Urea		Creatinine		Phosphate		Vitamin B ₁₂		Inulin			
		QB=200	QB=300	QB=200	QB=300	QB=200	QB=300	QB=200	QB=300	QB=200	QB=300		
NephroPS100E	32	184	246	168	205	156	186	105	118	-	-	59	1.0
NephroPS130E	43	189	251	175	221	170	205	120	135	-	-	69	1.3
NephroPS160E	55	195	270	191	252	183	233	142	165	-	-	86	1.6
NephroPS180E	59	196	275	193	260	187	242	149	176	-	-	105	1.8

High Flux, Sterilized with Gamma Irradiation (R)

NephroPS100R	33	184	238	173	215	160	193	111	125	80	86	59	1.0
NephroPS130R	44	192	256	184	237	174	216	129	147	95	104	69	1.3
NephroPS160R	55	195	270	191	252	183	233	142	165	108	120	86	1.6
NephroPS180R	59	196	275	193	260	187	242	149	176	116	131	105	1.8
NephroPS200R	68	198	279	195	266	190	251	156	186	123	139	109	2.0

Polyethersulfone Hemodialyzer Specifications

Low Flux, Sterilized with Ethylene Oxide Gas (EO)

Model	Ultrafiltration Coefficient (ml/hr*mmHg)	Clearances (ml/min)										Blood Priming Volume (ml)	Surface Area (m ²)
		Urea		Creatinine		Phosphate		Vitamin B ₁₂		Inulin			
		QB=200	QB=300	QB=200	QB=300	QB=200	QB=300	QB=200	QB=300	QB=200	QB=300		
NephroPES13E	10.4	181	230	169	207	149	176	108	121	-	-	71	1.3
NephroPES16E	12.1	188	244	178	224	158	188	117	131	-	-	90	1.6
NephroPES18E	17.0	196	269	183	252	168	208	124	141	-	-	112	1.8



Polyethersulfone Hemodialyzer Specifications

High Flux, Sterilized with Ethylene Oxide Gas (EO)

Model	Ultrafiltration Coefficient (ml/hr*mmHg)	Clearances (ml/min)										Blood Priming Volume (ml)	Surface Area (m ²)
		Urea		Creatinine		Phosphate		Vitamin B ₁₂		Inulin			
		QB=200	QB=300	QB=200	QB=300	QB=200	QB=300	QB=200	QB=300	QB=200	QB=300		
NephroPES130E	54	191	257	186	241	177	221	136	156	99	107	72	1.3
NephroPES160E	62	194	271	191	254	184	237	148	172	111	124	89	1.6
NephroPES180E	78	198	277	195	263	189	245	153	180	118	133	110	1.8

