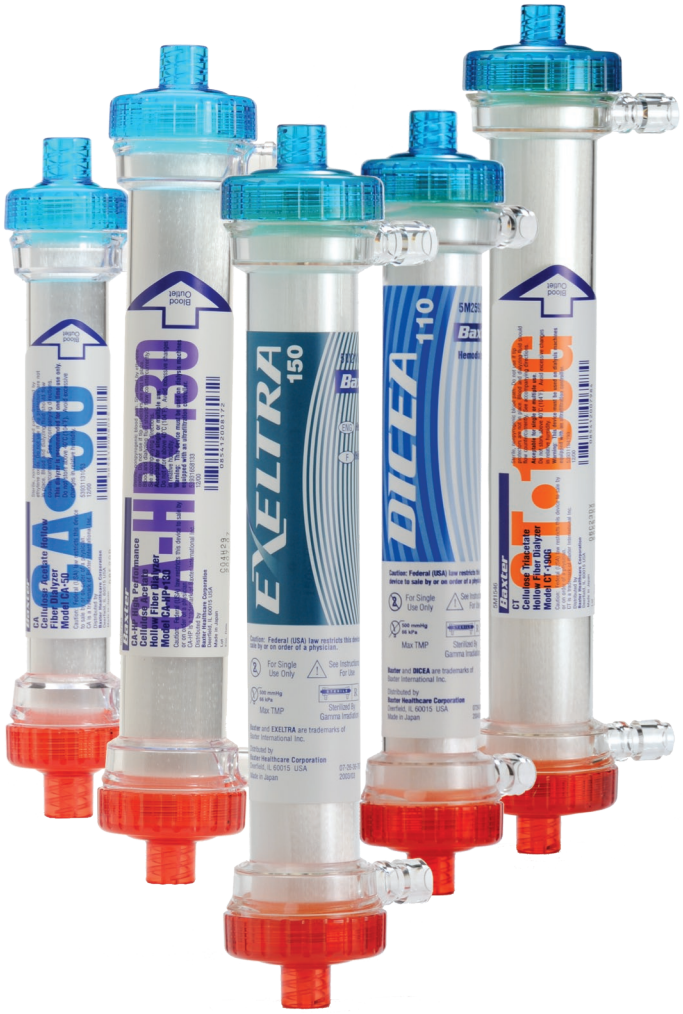
Baxter



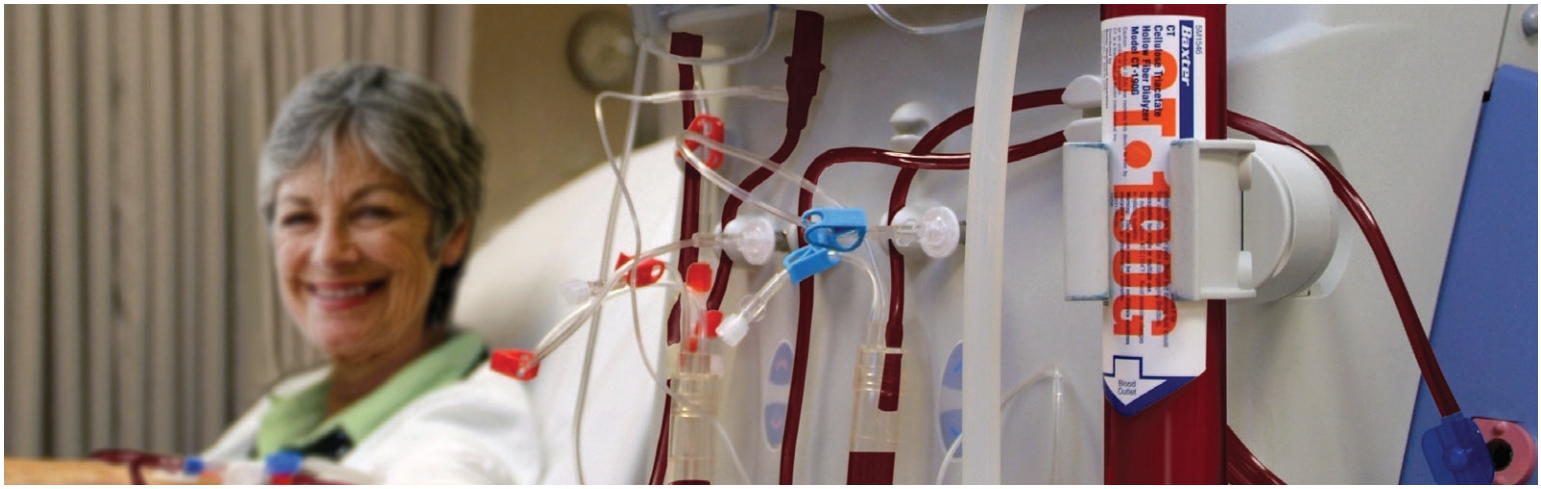
High-Performance

dialyzers for total patient care

EXELTRA | DICEA | CA | CT | CA-HP

In 1956, Baxter introduced the first commercial dialyzer. In the years since, we have developed a comprehensive range of high-performance cellulose dialyzers to assure that nephrologists have significant prescription flexibility to individualize patient treatment.

Baxter dialyzers offer optimal performance, exceptional value and the dependability you count on every day. It's part of our long-standing commitment to provide quality products to health care professionals to enhance patient care.



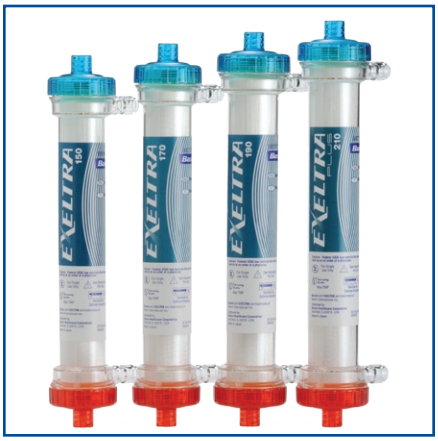
Reuse versus Single-Use Dialyzers

Reuse and single-use dialyzers are both viable and effective hemodialysis treatment options.

Recent studies have shown that dialyzer reuse is safe when performed properly and affects mortality no more or less than single-use dialyzers.[1] Reuse performed in accordance with AAMI standards can lower total cost impact of dialysis without compromising quality of care.[2] It also can reduce medical waste and environmental pollution.[3]

Single-use dialyzers typically require less technician staff time to prepare the dialysis administration and to conduct appropriate cleaning measures required with a reusable dialyzer.

1 Fan Q, Liu J, Ebben JP, Collins AJ. *Reuse-associated mortality in incident hemodialysis patients in the United States*, 2000-2001. Am J Kidney Dis. 2005 Oct;46(4):661-8
2 ANSI/AAMI RD47: 2008, *Reprocessing of hemodialyzers*
3 Oakes SG. Green Medicine: *The Environmental Impact of Dialyzer Reprocessing with Renalin®*. Minntech Corporation, 2000



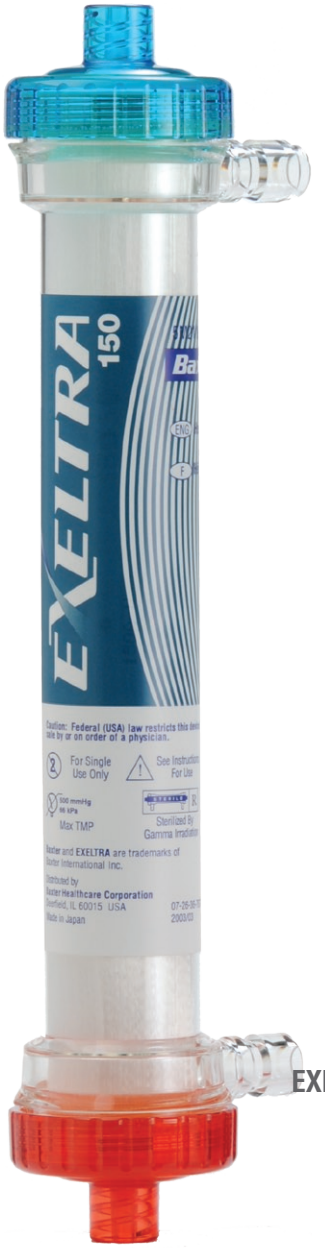
EXELTRA High-Flux, Single-Use Dialyzers

Outstanding clearance and biocompatibility

EXELTRA high-flux, single-use dialyzers offer extraordinary clearance, even for your most challenging patients. EXELTRA dialyzers have a Cellulose Triacetate membrane and are Gamma sterilized. Available in four sizes: 1.5 m^2, 1.7 m^2, 1.9 m^2 and 2.1 m^2.

BENEFITS

- Semisynthetic high-flux membrane available with increased porosity
- High KoA values for greater flexibility in managing Kt/V and treatment times
- Challenging patients can now achieve improved clearance values



Specifications

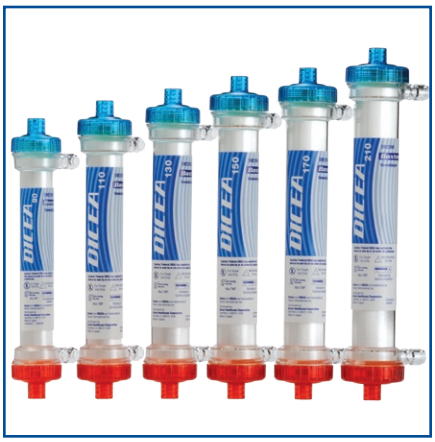
	EXELTRA Dialyzers			
	150	**170**	**190**	**Plus 210**
Code Number	5M2119	5M2120	5M2121	5M2132
Priming Volume (mL)	95	105	115	125
Surface Area (m^2)	1.5	1.7	1.9	2.1
UFR (mL/hr/100mmHg)[4]	3150	3380	3642	4736
KoA Urea (Qb 300, Qd 500)[5]	993	1103	1214	1714
Membrane	Cellulose triacetate			
Sterilization	Gamma irradiation			
Hollow Fiber Inner Diameter	200 microns			
Membrane Thickness	15 microns			

In Vitro Clearance Data

	Urea				Creatinine				Phosphate				Vitamin B_{12}			
Qb mL/min	200	300	400	500	200	300	400	500	200	300	400	500	200	300	400	500
Qd mL/min	500				500				500				500			
EXELTRA 150	193	262	305	332	186	242	274	297	179	227	255	274	132	152	163	170
EXELTRA 170	196	268	310	341	190	252	286	307	179	232	261	280	138	160	172	180
EXELTRA 190	197	273	323	354	190	251	289	313	186	242	276	296	143	168	183	193
EXELTRA Plus 210	199	287	350	384	198	277	328	363	191	252	292	318	164	202	222	232

[4] Ultrafiltration Rate

[5] Leypoldt JK, Cheung AK, Agodoa LY, et al; Hemodialyzer mass transfer-area coefficients for urea increase at high dialysate flow rates, Kidney Int. 1997; 51: 2013-2017.



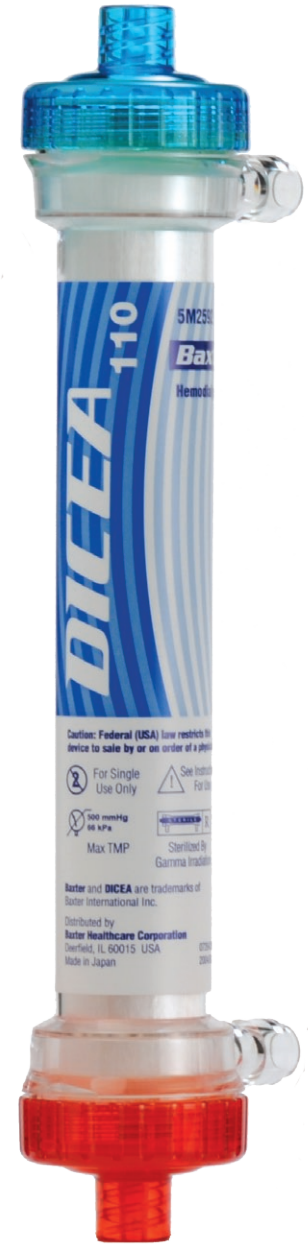
DICEA High Efficiency, Single-Use Dialyzers

Enhanced clearances of small and middle molecules

DICEA high efficiency, single-use dialyzers offer higher permeability for exceptional clearances of small and middle molecules. DICEA dialyzers have a Cellulose Diacetate membrane and are Gamma sterilized. Available in six sizes: 0.9 m^2, 1.1 m^2, 1.3 m^2, 1.5 m^2, 1.7 m^2, and 2.1 m^2.

BENEFITS

- Semisynthetic membrane with optimal performance
- Enhanced clearances of small and middle molecules
- Complete range for significant treatment flexibility



Specifications

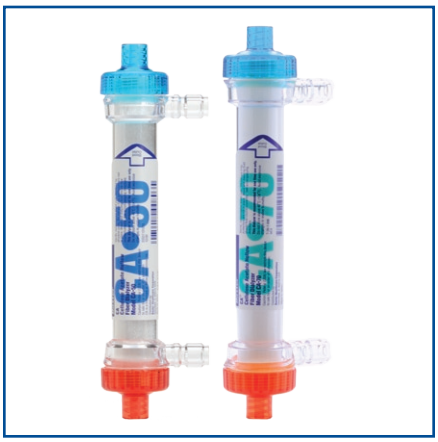
	DICEA Dialyzers					
	90	**110**	**130**	**150**	**170**	**210**
Code Number	5M2591	5M2592	5M2593	5M2594	5M2595	5M2596
Priming Volume (mL)	55	65	75	90	105	125
Surface Area (m^2)	0.9	1.1	1.3	1.5	1.7	2.1
Kuf (mL/hr/mmHg)[4]	6.8	8.4	10.0	11.4	12.5	15.5
KoA Urea (Qb 300, Qd 500)[5]	518	621	707	801	961	1103
Membrane	Cellulose diacetate					
Sterilization	Gamma irradiation					
Hollow Fiber Inner Diameter	200 microns					
Membrane Thickness	15 microns					

In Vitro Clearance Data

	Urea				Creatinine				Phosphate				Vitamin B_{12}			
Qb mL/min	200	300	400	500	200	300	400	500	200	300	400	500	200	300	400	500
Qd mL/min	500				500				500				500			
DICEA 90	173	214	241	259	148	177	191	202	116	129	132	137	60	61	63	64
DICEA 110	179	229	261	276	159	186	206	221	128	146	157	161	69	73	77	82
DICEA 130	186	239	270	293	167	206	227	241	139	163	173	182	79	87	89	91
DICEA 150	189	248	286	305	175	217	240	254	148	175	188	200	90	97	100	103
DICEA 170	191	260	300	315	179	227	257	272	156	187	199	212	95	105	112	114
DICEA 210	196	268	316	339	185	240	274	294	165	202	226	229	105	121	130	132

[4] Ultrafiltration Coefficient

[5] Leypoldt JK, Cheung AK, Agodoa LY, et al; Hemodialyzer mass transfer-area coefficients for urea increase at high dialysate flow rates, Kidney Int. 1997; 51: 2013-2017.



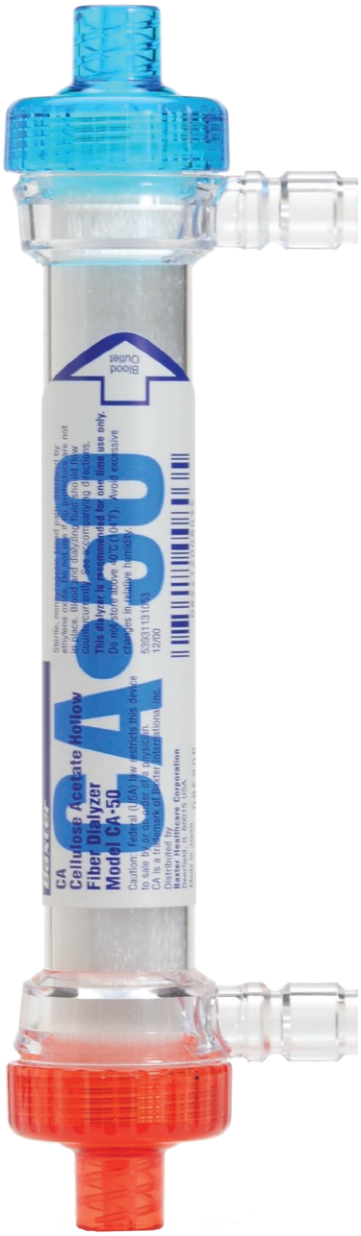
CA Conventional, Single-Use Dialyzers

Ideal for low volumes

CA conventional, single-use dialyzers are ideal when low volume options are critical. CA dialyzers have a Cellulose Acetate membrane and are EtO sterilized. Available in two low volume sizes: 0.5 m^2 and 0.7 m^2.

BENEFITS

- Ideal for low volumes
- Conventional
- Single-use



Specifications

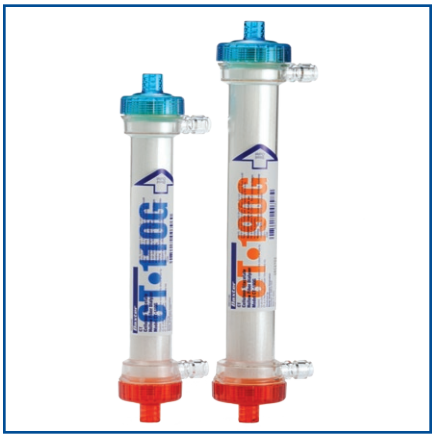
	CA Dialyzers	
	50	**70**
Code Number	5M1729	5M1730
Priming Volume (mL)	35	45
Surface Area (m^2)	0.5	0.7
Kuf (mL/hr/mmHg)[4]	2.5	3.6
KoA Urea (Qb 300, Qd 500)[5]	247	330
Membrane	Cellulose acetate	
Sterilization	Ethylene oxide	
Hollow Fiber Inner Diameter	200 microns	
Membrane Thickness	15 microns	

In Vitro Clearance Data

	Urea				Creatinine				Phosphate				Vitamin B_{12}			
Qb mL/min	100	200	300	400	100	200	300	400	100	200	300	400	100	200	300	400
Qd mL/min	500				500				500				500			
CA 50	89	130	148	158	75	99	108	114	52	60	64	66	24	26	27	27
CA 70	94	148	174	190	83	117	130	138	61	74	80	82	32	34	35	36

[4] Ultrafiltration Coefficient

[5] Leypoldt JK, Cheung AK, Agodoa LY, et al; Hemodialyzer mass transfer-area coefficients for urea increase at high dialysate flow rates, Kidney Int. 1997; 51: 2013-2017.



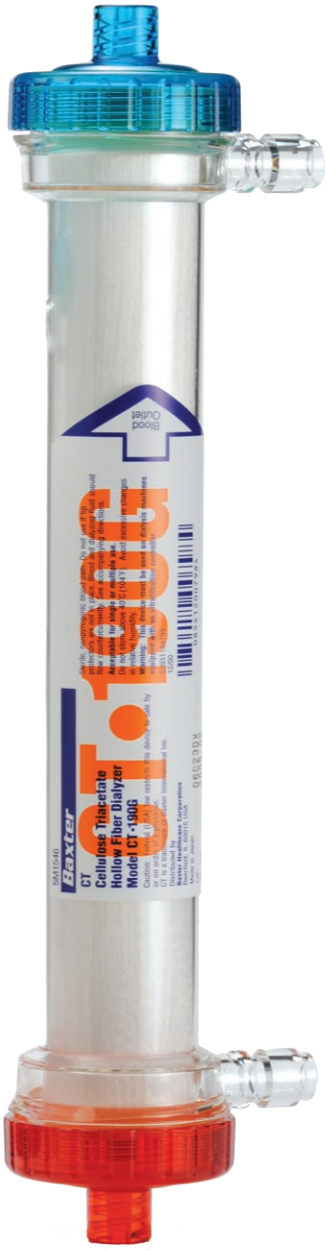
CT High-Flux, Reuse Dialyzers

Dependable small molecule clearances

CT high-flux, reuse dialyzers offer reliable performance and exceptional small molecule clearances. CT dialyzers have a Cellulose Triacetate membrane and are Gamma sterilized. Available in two sizes: 1.1 m^2 and 1.9 m^2.

BENEFITS

- A top performer in small molecular clearances
- Semisynthetic high-flux membrane
- Impressive biocompatibility characteristics



Specifications

	CT Dialyzers	
	110G	**190G**
Code Number	5M1542	5M1546
Priming Volume (mL)	70	115
Surface Area (m^2)	1.1	1.9
UFR (mL/hr/100mmHg)[4]*	2454	3642
KoA Urea (Qb 300, Qd 500)[5]*	977	1214
Membrane	Cellulose triacetate	
Sterilization	Gamma irradiation	
Hollow Fiber Inner Diameter	200 microns	
Membrane Thickness	15 microns	

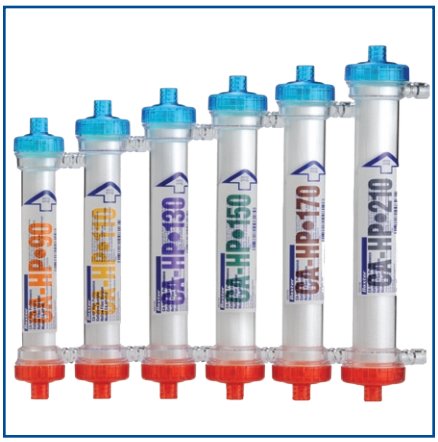
* First Use

In Vitro First Use Clearance Data

	Urea				Creatinine				Phosphate				Vitamin B_{12}			
Qb mL/min	200	300	400	500	200	300	400	500	200	300	400	500	200	300	400	500
Qd mL/min	500				500				500				500			
CT 110G	192	261	301	328	177	223	250	268	161	195	214	227	113	127	134	139
CT 190G	197	273	323	354	190	251	289	313	186	242	276	296	143	168	183	193

[4] Ultrafiltration Rate

[5] Leypoldt JK, Cheung AK, Agodoa LY, et al; Hemodialyzer mass transfer-area coefficients for urea increase at high dialysate flow rates, Kidney Int. 1997; 51: 2013-2017.



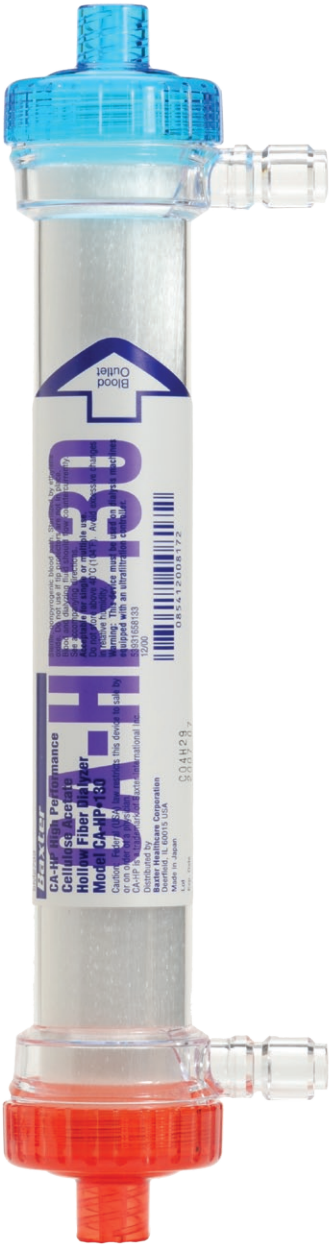
CA-HP High Efficiency, Reuse Dialyzers

Exceptional biocompatibility and small molecule clearances

CA-HP high efficiency, reuse dialyzers are available in a full range to offer flexible therapy options. CA-HP dialyzers have a Cellulose Diacetate membrane and are EtO sterilized. Available in six sizes: 0.9 m^2, 1.1 m^2, 1.3 m^2, 1.5 m^2, 1.7 m^2 and 2.1 m^2.

BENEFITS

- A top performer in small molecular clearances
- Semisynthetic high efficiency membrane
- Impressive biocompatibility characteristics



Specifications

	CA - HP Dialyzers					
	90	**110**	**130**	**150**	**170**	**210**
Code Number	5M2731	5M2732	5M2733	5M2734	5M2735	5M2736
Priming Volume (mL)	60	70	80	95	105	125
Surface Area (m^2)	0.9	1.1	1.3	1.5	1.7	2.1
Kuf (mL/hr/mmHg)[4]*	7.3	7.7	9.1	10.2	10.0	13.2
KoA Urea (Qb 300, Qd 500)[5]*	512	606	717	767	945	1064
Membrane	Cellulose diacetate					
Sterilization	Ethylene oxide					
Hollow Fiber Inner Diameter	200 microns					
Membrane Thickness	15 microns					

* First Use

In Vitro First Use Clearance Data

	Urea				Creatinine				Phosphate				Vitamin B_{12}			
Qb mL/min	200	300	400	500	200	300	400	500	200	300	400	500	200	300	400	500
Qd mL/min	500				500				500				500			
CA - HP 90	172	213	239	258	146	173	190	198	115	129	133	137	60	59	60	63
CA - HP 110	177	227	261	277	156	186	207	221	126	149	158	161	70	73	77	82
CA - HP 130	186	240	275	296	165	204	226	236	138	166	171	181	79	84	90	93
CA - HP 150	187	245	279	302	174	217	240	252	147	175	183	196	88	95	100	107
CA - HP 170	192	259	299	313	181	230	251	269	156	186	200	214	94	104	112	115
CA - HP 210	194	266	315	340	184	236	270	294	165	200	225	232	106	120	126	133

[4] Ultrafiltration Coefficient

[5] Leypoldt JK, Cheung AK, Agodoa LY, et al; Hemodialyzer mass transfer-area coefficients for urea increase at high dialysate flow rates, Kidney Int. 1997; 51: 2013-2017.

To find out how the Baxter family of dialyzers can benefit your patients, contact your Baxter Account Executive at 1-888-RENALHELP (1-888-736-2543), option 4.

Caution: Federal (US) law restricts these devices to sale by or on the order of a physician or other licensed practitioner. For safe and proper use of these devices refer to the device instructions.

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1-888-736-2543

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