

Pre-engineered Water Treatment Solutions

APPLICATIONS

- Ideal for upgrades
- When lower regeneration waste is desired
- For longer production cycle applications
- When space is limited
- When chemical consumption is a concern
- For improved quality of treated water

FEATURES

- Simple design
- Inexpensive
- Greater efficiency
- Optimized vessel volume utilization
- Longer resin life

WATERTRAK

Ion Exchange



General Information and Highlights

Aquatech's Ion exchange process uses Packed Bed Design. When the water enters the bed during the service cycle, it progressively comes into contact with more highly regenerated resin, which ensures production of a high quality demineralized water, minimizes chances of ionic leakage and maximizes resin bed operating capacity. Regeneration can be performed faster and more efficiently, with reduced chemical consumption, less rinse water, reduced waste disposal requirements, and lower overall expense.

Performance Products by



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Strong Base Anion Ion Exchange

Strong Base Anion Ion Exchange Matrix

Model	Dia	Straight Shell - 072", 084" 096", 108", 120", 132" available heights fill in xxx	Flow Range (Minimum - Maximum)	Compaction Flow rate	Inert Resin Ht	Resin Height (H+)	Inert Resin Vol.	Straight Shell height 6', 7', 8', 9', 10', 11' Resin Vol. (H+ Form)	Pipe Size Pattern	Available Piping Material	Shipping weight	Dimensions given for the largest straight shell (Inches)		
												FT	FT	gpm
CARBON STEEL VESSEL														
UESBC-36xxx-23	3	xxx	37 - 107	81	0.49	xxx - 8"	3.3	30, 36, 42, 47, 53, 59	23	SS/DIPPL	3105	231	92	102
UESBC-42xxx-23	3.5	xxx	50 - 147	111	0.66	xxx - 10"	6.1	40, 48, 56, 63, 71, 79	23	SS/DIPPL	3457	234	92	102
UESBC-42xxx-33	3.5	xxx	50 - 147	111	0.66	xxx - 10"	6.1	53, 63, 73, 83, 93, 103	33	SS/DIPPL	3530	234	92	53
UESBC-48xxx-23	4	xxx	65 - 193	145	0.66	xxx - 10"	8	53, 63, 73, 83, 93, 103	23	SS/DIPPL	3809	237	92	104
UESBC-48xxx-33	4	xxx	65 - 193	145	0.66	xxx - 10"	8	53, 63, 73, 83, 93, 103	33	SS/DIPPL	3883	237	92	53
UESBC-54xxx-33	4.5	xxx	83 - 245	184	0.66	xxx - 10"	10.1	67, 80, 93, 106, 119, 131	33	SS/DIPPL	4235	240	92	53
UESBC-54xxx-43	4.5	xxx	83 - 245	184	0.66	xxx - 10"	10.1	67, 80, 93, 106, 119, 131	43	SS/DIPPL	4295	242	93	53
UESBC-60xxx-34	5	xxx	103 - 304	228	0.66	xxx - 10"	12.5	83, 99, 115, 131, 147, 163	34	SS/DIPPL	4662	244	103	56
UESBC-60xxx-44	5	xxx	103 - 304	228	0.66	xxx - 10"	12.5	83, 99, 115, 131, 147, 163	44	SS/DIPPL	4782	244	104	56
UESBC-66xxx-34	5.5	xxx	124 - 369	277	0.66	xxx - 10"	15.2	101, 120, 139, 159, 178, 197	34	SS/DIPPL	5014	247	103	56
UESBC-66xxx-44	5.5	xxx	124 - 369	277	0.66	xxx - 10"	15.2	101, 120, 139, 159, 178, 197	44	SS/DIPPL	5134	247	104	56
UESBC-72xxx-34	6	xxx	176 - 440	330	0.66	xxx - 10"	18.1	143, 170, 198, 225, 253, 280	34	SS/DIPPL	5366	238	103	56
UESBC-72xxx-46	6	xxx	176 - 440	330	0.66	xxx - 10"	18.1	143, 170, 198, 225, 253, 280	46	SS/DIPPL	5546	256	108	55
UESBC-72xxx-66	6	xxx	176 - 440	330	0.66	xxx - 10"	18.1	143, 170, 198, 225, 253, 280	66	SS/DIPPL	5616	256	110	55
UESBC-78xxx-44	6.5	xxx	207 - 517	388	0.66	xxx - 10"	21.3	168, 200, 232, 265, 297, 329	44	SS/DIPPL	5833	259	104	56
UESBC-78xxx-46	6.5	xxx	207 - 517	388	0.66	xxx - 10"	21.3	168, 200, 232, 265, 297, 329	46	SS/DIPPL	5899	259	108	55
UESBC-84xxx-36	7	xxx	241 - 601	451	0.66	xxx - 10"	24.7	195, 232, 270, 308, 345, 383	36	SS/DIPPL	6130	262	108	54
UESBC-84xxx-46	7	xxx	241 - 601	451	0.66	xxx - 10"	24.7	195, 232, 270, 308, 345, 383	46	SS/DIPPL	6251	262	108	55
UESBC-84xxx-66	7	xxx	241 - 601	451	0.66	xxx - 10"	24.7	195, 232, 270, 308, 345, 383	66	SS/DIPPL	6315	262	110	55
UESBC-90xxx-46	7.5	xxx	277 - 691	519	0.66	xxx - 10"	28.4	224, 267, 310, 354, 397, 440	46	SS/DIPPL	6603	265	108	55
UESBC-90xxx-66	7.5	xxx	277 - 691	519	0.66	xxx - 10"	28.4	224, 267, 310, 354, 397, 440	66	SS/DIPPL	6667	265	110	55
UESBC-96xxx-46	8	xxx	316 - 787	591	0.66	xxx - 10"	32.3	255, 304, 354, 403, 452, 501	46	SS/DIPPL	6955	268	108	55
UESBC-96xxx-66	8	xxx	316 - 787	591	0.66	xxx - 10"	32.3	255, 304, 354, 403, 452, 501	66	SS/DIPPL	7019	268	110	55
UESBC-102xxx-46	8.5	xxx	357 - 890	668	0.66	xxx - 10"	36.6	288, 344, 400, 455, 511, 566	46	SS/DIPPL	7307	280	108	55
UESBC-102xxx-66	8.5	xxx	357 - 890	668	0.66	xxx - 10"	36.6	288, 344, 400, 455, 511, 566	66	SS/DIPPL	7371	280	110	55