

Reverse Osmosis Elements – Brackish Water Elements

AG High Rejection Brackish Water Commercial Elements are selected when high rejection and operating pressures as low as 200 psig are desired. These elements allow moderate energy savings, and are considered a standard in the industry. AK Low Pressure Brackish Water Commercial Elements are selected when high rejection and extremely low operating pressures are desired. These elements allow significant energy savings since good rejection is achieved at operating pressures as low as 100 psig.

COMMERCIAL ELEMENTS						
Model	Average flow gpd (m ³ /day)	Average NaCl rejection	Active Area ft ² (m ²)	Outer wrap	Connection	Part Number
AG2521TM	300 (1.14) ¹	99.5%	13 (1.2)	Tape	Male	1206802
AG3218TM	700 (2.65) ¹	99.5%	29 (2.7)	Tape	Male	1206739
AG4021TM	1050 (3.97) ¹	99.5%	42 (3.9)	Tape	Male	1206750
AK2521TM	300 (1.14) ²	99.0%	13 (1.2)	Tape	Male	1206799
AK3218TM	700 (2.65) ²	99.0%	29 (2.7)	Tape	Male	1206803
AK4021TM	1050 (3.97) ²	99.0%	42 (3.9)	Tape	Male	1206812

¹Testing conditions: 2,000ppm NaCl solution at 225psi (1,550kPa) operating pressure, 77°F (25°C), pH7 and 15% recovery.

²Testing conditions: 500ppm NaCl solution at 115psi (793kPa) operating pressure, 77°F (25°C), pH7 and 15% recovery.

The AG HR is designed for use on brackish water when very high rejection of monovalent ions is required while operating at pressures as low as 200psi (1,379kPa).

AG HR ELEMENTS						
Model	Average flow gpd (m ³ /day)	Average NaCl rejection	Active Area ft ² (m ²)	Outer wrap	Connection	Part Number
AG-90	2200 (8.3)	99.8%	90 (8.4)	Fiberglass	Male	3056665
AG-365	9600 (36.3)	99.8%	365 (33.9)	Fiberglass	Female	3056666
AG-400	10500 (39.7)	99.8%	400 (37.2)	Fiberglass	Female	3056667
AG-400, 34	10500 (39.7)	99.8%	400 (37.2)	Fiberglass	Female	3056668
AG-440	11500 (43.5)	99.8%	440 (40.9)	Fiberglass	Female	3056669

Testing conditions: 2,000ppm NaCl solution at 225psi (1,550kPa) operating pressure, 77°F (25°C), pH7 and 15% recovery.

To protect your GE AG HR membrane elements, use GE ROSave.Zs depth filters.

AG Standard Brackish Water Elements are selected when high rejection and operating pressures as low as 200 psi (1,379 kPa) are desired. These elements allow moderate energy savings, and are considered a standard in the industry.

AG ELEMENTS						
Model	Average flow gpd (m ³ /day)	Average NaCl rejection	Active Area ft ² (m ²)	Outer wrap	Connection	Part Number
AG2540TM	710 (2.7)	99.5%	29 (2.6)	Tape	Male	1206729
AG4025T	1,600 (6.0)	99.5%	60 (5.6)	Tape	Female	1206754
AG4026F	1,600 (6.0)	99.5%	60 (5.6)	Fiberglass	Female	1206756
AG4040C	2,400 (8.6)	99.5%	90 (8.4)	Cage	Female	1206757
AG4040FM	2,200 (8.3)	99.5%	85 (7.9)	Fiberglass	Male	3032513
AG4040FM, WET	2,200 (8.3)	99.5%	85 (7.9)	Fiberglass	Male	3035659
AG4040TM	2,200 (8.3)	99.5%	85 (7.9)	Tape	Male	3032514
AG8040C	9,900 (37.3)	99.5%	380 (35.3)	Cage	Female	1222546
AG8040F	9,600 (36.3)	99.5%	365 (33.9)	Fiberglass	Female	3032515
AG8040F, WET	9,600 (36.3)	99.5%	365 (33.9)	Fiberglass	Female	3032516
AG8040F-400	10,500 (39.7)	99.5%	400 (37.2)	Fiberglass	Female	3032518
AG8040F-400, WET	10,500 (39.7)	99.5%	400 (37.2)	Fiberglass	Female	3032519
AG8040N	9,600 (36.3)	99.2%	365 (33.9)	Net	Female	1231784
AG8040N-400	10,500 (39.7)	99.2%	400 (37.2)	Net	Female	1231786
AG8340F 400		99.5%	400 (37.2)	Fiberglass	Female	3048370

Testing conditions: 2,000 ppm NaCl solution at 225 psi (1,551 kPa) operating pressure, 77°F, pH 7.5 and 15% recovery.

To protect your GE AG membrane elements, use GE ROSave.Zs depth filters.