

Hydrocomponents and Technologies, Inc.

Brackish Water Desalination (High Rejection)

The A-Series, family of proprietary thin-film reverse osmosis membrane elements are characterized by high flux and excellent sodium chloride rejection. AG High Rejection Brackish Water Elements are selected when high rejection and operating pressures as low as 200 psig (1,379 kPa) are desired. These elements allow moderate energy savings, and are considered a standard in the industry. AG8040N-400 High Rejection Brackish Water elements feature a Net outerwrap and 27 mil feed spacers. This element is designed with flush end connections.

Model	Flow	Active Area	Avg. Rej.	Min. Rej.	Part Number
AG2425T	510 GPD (1.9 m ³ /d)	20ft (1.8 m ²)	99.50%	99.00%	1206714
AAG2514TF	170 GPD (0.6 m ³ /d)	6ft2 (0.6 m ²)	99.50%	99.00%	1206718
AG2521TF	325 GPD (1.2 m ³ /d)	12ft2 (1.2 m ²)	99.50%	99.00%	1206719
AG2526TF	470 GPD (1.8 m ³ /d)	17ft2 (1.6 m ²)	99.50%	99.00%	1205117
AG2540FF	740 GPD (2.8 m ³ /d)	28ft2 (2.6 m ²)	99.50%	99.00%	1206727
AG2540TF	740 GPD (2.8 m ³ /d)	28ft2 (2.6 m ²)	99.50%	99.00%	1206729
AG3218T	755 GPD (2.9 m ³ /d)	29ft2 (2.7 m ²)	99.50%	99.00%	1206739
AG3308T	320 GPD (1.2 m ³ /d)	12ft2 (1.2 m ²)	99.50%	99.00%	1206740
AG4014TF	585 GPD (2.2 m ³ /d)	22ft2 (2.1 m ²)	99.50%	99.00%	1206748
AG4021TF	1050 GPD (4.0 m ³ /d)	42ft2 (3.9 m ²)	99.50%	99.00%	1206750
AG4025T	1560 GPD (5.9 m ³ /d)	60ft2 (5.6 m ²)	99.50%	99.00%	1206754
AG4026F	1560 GPD (5.9 m ³ /d)	60ft2 (5.6 m ²)	99.50%	99.00%	1206756
AG4040C	2350 GPD (8.9 m ³ /d)	90ft2 (8.4 m ²)	99.50%	99.00%	1206757
AG4040CF	2350 GPD (8.9 m ³ /d)	90ft2 (8.4 m ²)	99.50%	99.00%	1206759
AG4040FF	2200 GPD (8.3 m ³ /d)	85ft2 (7.9 m ²)	99.50%	99.00%	1206761
AG4040FF-CERT	2200 GPD (8.3 m ³ /d)	85ft2 (7.9 m ²)	99.50%	99.00%	1231652
AG4040NF	2200 GPD (8.3 m ³ /d)	85ft2 (7.9 m ²)	99.50%	99.00%	1231785
AG4040TF	2200 GPD (8.3 m ³ /d)	85ft2 (7.9 m ²)	99.50%	99.00%	1206774
AG8040C	9850 GPD (37.3 m ³ /d)	380ft2 (35.3 m ²)	99.50%	99.00%	1222546
AG8040F	9200 GPD (34.8 m ³ /d)	350ft2 (32.5 m ²)	99.50%	99.00%	1206779
AG8040F-400	10500 GPD (39.7 m ³ /d)	400ft2 (37.2 m ²)	99.50%	99.00%	1206784
AG8040F-400-CERT	10500 GPD (39.7 m ³ /d)	400ft2 (37.2 m ²)	99.50%	99.00%	1231654
AG8040F-CERT	9200 GPD (34.8 m ³ /d)	350ft2 (32.5 m ²)	99.50%	99.00%	1231653
AG8040N	9200 GPD (34.8 m ³ /d)	350ft2 (32.5 m ²)	99.20%	98.50%	1231784
AG8040N-400	10500 GPD (39.7 m ³ /d)	350ft2 (32.5 m ²)	99.20%	98.50%	1231786

Specifications are based on a 2000 mg/L NaCl solution at 225 psig operating pressure (1551 kPa), 77°F (25°C), 15% recovery, pH 7.5 after 24 hours. Individual flux may vary +25%/ -15%.

01/02/08