

Hydrocomponents and Technologies, Inc.

GE Osmonic Desal Membranes

Brackish Water Desalination

The C-Series family, a triacetate/diacetate blend, has a higher flux and better mechanical stability than standard cellulose acetate. C-Series elements offer an increased chlorine tolerance compared to thin-film elements, as well as a smooth-surface membrane for difficult water applications. CE Brackish Water Elements are used for brackish water desalination at 425 psig (2,930 kPa) operating pressure. CE8040F Brackish Water elements feature a FRP outerwrap and 28 mil feed spacers. This element is designed with flush end connections.

Model	Flow	Active Area	Avg. Rejection	Min. Rejection	Part Number
CE2026TF	245 GPD (0.9 m ³ /d)	10 ft ² (1.0 m ²)	97.50%	95%	1206846
CE2540FF	630 GPD (2.4 m ³ /d)	27 ft ² (2.5 m ²)	97.50%	95%	1206854
CE4025T	1,300 GPD (4.9 m ³ /d)	59 ft ² (5.5 m ²)	97.50%	95%	1206870
CE4026F	1,300 GPD (4.9 m ³ /d)	59 ft ² (5.5 m ²)	97.50%	95%	1206875
CE4040C	2,150 GPD (8.1 m ³ /d)	95 ft ² (8.8 m ²)	97.50%	95%	1206877
CE4040F	2,100 GPD (7.9 m ³ /d)	95 ft ² (8.8 m ²)	97.50%	95%	1206878
CE4040FF	2,000 GPD (7.6 m ³ /d)	85 ft ² (7.9 m ²)	97.50%	95%	1231443
CE4040NF	2,000 GPD (7.6 m ³ /d)	85 ft ² (7.9 m ²)	97.00%	95%	1231790
CE8040F	8,000 GPD (30.3 m ³ /d)	350 ft ² (32.5 m ²)	97.50%	95%	1206880
CE8040N	8,000 GPD (30.3 m ³ /d)	350 ft ² (32.5 m ²)	97.00%	95%	1231791

Specifications are based on a 2000 mg/L NaCl solution at 425 psig operating pressure (2930 kPa), 77°F (25°C), 15% recovery, pH 7.5 after 24 hours. Individual flux may vary +25%/ -15%.