

Hydrocomponents and Technologies, Inc.

GE Osmonic Desal Membranes

Brackish Water Desalination (High Flux)

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. CG High Flux Elements are used for brackish water desalination at 225 psig (1,551 kPa) operating pressure. CG8040F High Flux 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
CG2540FF	600 GPD (2.3 m ³ /d)	27 ft ² (2.5 m ²)	93%	85%	1206891
CG4040F	2,000 GPD (7.6 m ³ /d)	90 ft ² (8.4 m ²)	93%	85%	1206893
CG8040F	7,300 GPD (27.6 m ³ /d)	350 ft ² (32.5 m ²)	93%	85%	1206896

Specifications are based on a 500 mg/L NaCl solution at 210 psig operating pressure (1448 kPa), 77°F (25°C), 15% recovery, pH 7.5 after 24 hours. Individual flux may vary +25%/ -15%.