

Hydrocomponents and Technologies, Inc.

GE Osmonic Desal Membranes

Brackish Water Desalination (High Rejection)

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. CD High Rejection Elements are used for brackish water desalination at 425 psig (2,930 kPa) operating pressure. CD8040F High Rejection 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
CD4025T	1,025 GPD (3.9 m ³ /d)	55 ft ² (5.1 m ²)	98.50%	96.50%	1206834
CD4040F	1,600 GPD (6.1 m ³ /d)	90 ft ² (8.4 m ²)	98.50%	96.50%	1206835
CD8040F	6,000 GPD (22.7 m ³ /d)	350 ft ² (32.5 m ²)	98.50%	96.50%	1206837

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%.