

Product Specifications

8-inch spiral wound membrane

Product	Flow rate m ³ /d (GPD)	Minimum NaCl rejection (%)	NaCl rejection (%)	Boron rejection (%)	Active area m ² (ft ²)	Feed spacer (mil)
LG SW 400 SR	22.7 (6,000)	99.7	99.85	93	37 (400)	28 or 34
LG SW 440 SR	25 (6,600)	99.7	99.85	93	41 (440)	28
LG SW 400 GR	28.4 (7,500)	99.7	99.85	93	37 (400)	28 or 34
LG SW 440 GR	31.2 (8,250)	99.7	99.85	93	41 (440)	28
LG SW 400 R	34 (9,000)	99.7	99.85	93	37 (400)	28 or 34
LG SW 440 R	37 (9,900)	99.7	99.85	93	41 (440)	28
LG SW 400 ES	52 (13,700)	99.6	99.8	89	37 (400)	34
LG SW 440 ES	57 (15,070)	99.6	99.8	89	41 (440)	28

Note : The above values are normalized to the following conditions : 32,000 ppm NaCl, 5 ppm boron, 55 bar (800 psi), 25°C (77°F), pH 8, 8% recovery. Permeate flows for individual elements may vary +/- 15%.



Length A	Element O.D. B	Perm tube I.D. C	Weight kg (lbs.)
1,016 mm (40 in.)	200 mm (7.9 in.)	28.6 mm (1.125 in.)	16.4 (36)

Operating Specifications

For more information and operating guidelines, visit www.LGwatersolutions.com

Max. Applied pressure:	82.7 bar (1,200 psig)	Max. Feedwater turbidity:	1.0 NTU
Max. Chlorine concentration:	< 0.1 ppm	Max. Feedwater SDI (15 mins):	5.0
Max. Operating temperature:	45°C (113°F)	Max. Pressure drop (ΔP) for each element:	1 bar (15 psi)
pH Range, Continuous (Cleaning):	2-11 (2-13)		

LG화학 산업용 8" RO멤브레인

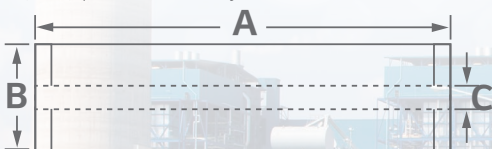
Product Specifications

8-inch spiral wound membrane

Product	Flow rate m ³ /d (GPD)	Minimum NaCl rejection (%)	NaCl rejection (%)	Active area m ² (ft ²)	Feed spacer (mil)
LG BW 400 R	39.7 (10,500)	99.5	99.6	37 (400)	34
LG BW 440 R	43.7 (11,550)	99.5	99.6	41 (440)	28
LG BW 400 ES	39.7 (10,500)	99.5	99.6	37 (400)	34
LG BW 440 ES	43.7 (11,550)	99.5	99.6	41 (440)	28
LG BW 400 AFR	39.7 (10,500)	99.5	99.6	37 (400)	34

Note : LG BW 400 R, LG BW 440 R, LG BW 440 AFR. The above values are normalized to the following conditions : 2,000 ppm NaCl, 15.5bar (225 psi), 25°C (77°F), pH 8, 15% recovery. Permeate flows for individual elements may vary +/- 15%.

Note : LG BW 400 ES, LG BW 440 ES. The above values are normalized to the following conditions : 2,000 ppm NaCl, 10.3bar (150 psi), 25°C (77°F), pH 8, 15% recovery. Permeate flows for individual elements may vary +/- 15%.



Length A	Element O.D. B	Perm tube I.D. C	Weight kg (lbs.)
1,016 mm (40 in.)	200 mm (7.9 in.)	28.6 mm (1.125 in.)	16.4 (36)

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Max. Applied pressure:	41.4 bar (600 psi)	Max. Feedwater turbidity:	1.0 NTU
Max. Chlorine concentration:	< 0.1 ppm	Max. Feedwater SDI (15 mins):	5.0
Max. Operating temperature:	45°C (113°F)	Max. Pressure drop (ΔP) for each element:	1 bar (15 psi)
pH Range, Continuous (Cleaning):	2-11 (2-13)		

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