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Product Information

	Model #	112	192	704
	Outer Cover Material Nominal Diameter: inches (cm) Overall Length: inches (cm) Permeate Tube Sealing Surface Diameter: inches (cm) [Inside Diameter Unless Specified As Outside Diameter (O.D.)]	TAPE 2.0 (5.1) 26 (66) 0.68 (1.73) O.D.	TAPE 2.0 (5.1) 39 (99.1) 0.68 (1.73) O.D.	Shrinkwrap 4.0 (10.2) 39 (99.1) 0.84 (2.13) O.D.
PR Potable Rejection pH Range: 3.0-7.0 Chlorine Tolerance: 0.2-2.0 ppm	Nominal Permeate Flow Rate gpd at 320 psi (22.1 bar) (m/d) Nominal Salt Rejection: Active Media Area: ft (m)	278 (1.05) 87% 10 (0.93)	420 (1.59) 87% 16 (1.5)	1680 (6.37) 87% 67 (6.2)
SR Standard Rejection pH Range: 3.0-7.0 Chlorine Tolerance: 0.2-2.0 ppm	Nominal Permeate Flow Rate gpd at 420 psi (29 bar) (m/d) Nominal Salt Rejection: Active Media Area: ft (m)	312 (1.18) 95% 10 (0.93)	465 (1.76) 95% 16 (1.5)	1610 (6.10) 95% 67 (6.2)
HR High Rejection pH Range: 3.0-7.0 Chlorine Tolerance: 0.2-2.0 ppm	Nominal Permeate Flow Rate gpd at 420 psi (29 bar) (m/d) Nominal Salt Rejection: Active Media Area: ft (m)	209 (0.792) 97.5% 10 (0.93)	312 (1.18) 97.5% 16 (1.5)	1270 (4.81) 97.5% 67 (6.2)

	Model #	411	416	811	813	815	817
	Outer Cover Material Nominal Diameter: inches (cm) Overall Length: inches (cm) Permeate Tube Sealing Surface Diameter: inches (cm) [Inside Diameter Unless Specified As Outside Diameter (O.D.)]	FRP* 4.0 (10.2) 40 (101.6) 0.77 (1.96)	Full-Fit 4.0 (10.2) 40 (101.6) 0.77 (1.96)	FRP 8.3 (21.1) 40 (101.6) 1.13 (2.87)	Full-Fit 8.3 (21.1) 40 (101.6) 1.13 (2.87)	FRP 7.9 (20.1) 40 (101.6) 1.13 (2.87)	Full-Fit 7.9 (20.1) 40 (101.6) 1.13 (2.87)
PR Potable Rejection pH Range: 3.0-7.0 Chlorine Tolerance: 0.2-2.0 ppm	Nominal Permeate Flow Rate gpd at 320 psi (22.1 bar) (m/d) Nominal Salt Rejection: Active Media Area: ft (m)	1950 (7.39) 87% 73 (6.8)	2200 (8.34) 87% 77 (7.2)	8800 (33.4) 87% 374 (34.7)	9800 (37.1) 87% 350 (32.5)	7800 (29.6) 87% 316 (29.4)	8750 (33.2) 87% 336 (31.2)
SR Standard	Nominal Permeate Flow Rate gpd	2000	2100	9140 (34.6)	10200 (38.7)	8100 (30.7)	9090 (34.5)

Rejection pH Range: 3.0-7.0 Chlorine Tolerance: 0.2-2.0 ppm	at 420 psi (29 bar) (m/d) Nominal Salt Rejection: Active Media Area: ft (m)	(7.58) 95% 73 (6.8)	(7.96) 95% 77 (7.2)	95% 374 (34.7)	95% 350 (32.5)	95% 316 (29.4)	95% 336 (31.2)
HR High Rejection pH Range: 3.0-7.0 Chlorine Tolerance: 0.2-2.0 ppm	Nominal Permeate Flow Rate gpd at 420 psi (29 bar) (m/d) Nominal Salt Rejection: Active Media Area: ft (m)	1600 (6.06) 97.5% 73 (6.8)	1650 (6.25) 97.5% 77 (7.2)	7220 (27.4) 97.5% 374 (34.7)	8050 (30.5) 97.5% 350 (32.5)	6400 (24.3) 97.5% 316 (29.4)	7180 (27.2) 97.5% 336 (31.2)

* Fiberglass Reinforced Plastic (FRP)

APPLICATIONS:

- Beverage
- Potable Water
- Restaurant
- Hotel
- Ice Manufacturing
- Car Wash (spot-free rinse)
- Island Communities
- Fish-Farming

MODEL NUMBER CONFIGURATION FOR ORDERING: Model #-membrane class, e.g., 815-HR

NOTES:

- Silt Density Index (SDI) levels should be ≤ 5 to minimize standard membrane fouling and extend membrane life.
- Testing is based on feedwater that is 77F (25C), pH 6-7, 2,000 ppm NaCl.
- Individual Osmo sepralator permeate (pure water) flow rate may vary +/-15%.
- All specifications based upon a maximum recovery of 15% (10% per Full-Fit element).
- Elements of 60-inch (152.4 cm) length are available. Contact factory for specifications.
- Replacement elements also available for other popular makes.
- Custom Osmo sepralators of varying lengths and diameters are available. Specifications on the housing are required for retrofit of these elements.
- Cellulose acetate = Cellulose di- and triacetate-blend polymer membrane.