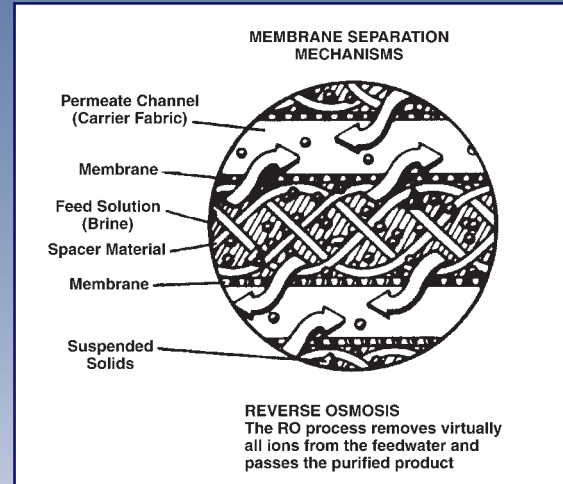
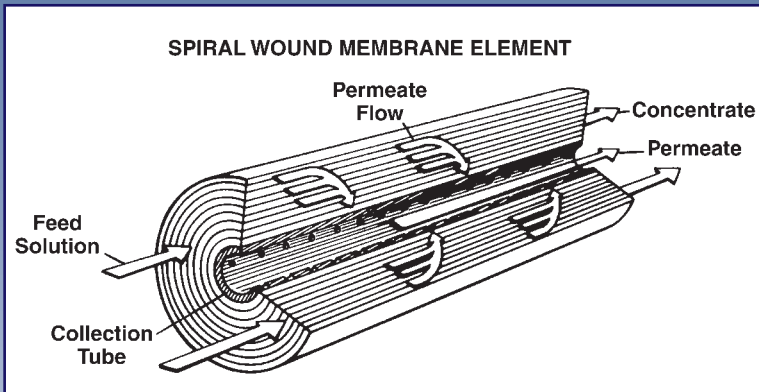


Barnstead Reverse Osmosis



Membranes for ULTROpure™ and ROpure™ LP



PRODUCT SPECIFICATIONS AND ORDERING INFORMATION

	Standard Cellulose Acetate		High Flow Cellulose Acetate		Polyamide		Thin Film Membrane	
	D2730	D6828	D2731	D6829	D2732	D68210	D2734	D68211
Product Flow Rate (±15% at 25°C)								
ROpure LP	15 lph (4 gph)		30 lph (8 gph)		40 lph (10 gph)		20 lph (5 gph)	
ULTROpure	60 lph (16 gph)		110 lph (29 gph)		157 lph (41 gph)		80 lph (21 gph)	
ULTROpure Series 682		60 lph (15 gph)		110 lph (29 gph)		157 lph (41 gph)		80 lph (21 gph)
Rejection Rates:								
Monovalent Ions	95%	90-95%	90-95%	90-95%	90-95%	90-95%	90-95%	90-95%
Polyvalent Ions	95-99%	95-99%	95-99%	95-99%	95-99%	95-99%	95-99%	95-99%
Particulates, most Organics (>300 MW), Bacteria and Pyrogens	> 99%	> 99%	> 99%	> 99%	> 99%	> 99%	> 99%	> 99%
Recovery³	10%	10-50%	10%	30-50%	10%	30-50%	10%	30-50%
Feed water Requirements²								
Inlet Residual Chlorine	0.2 to 1.0 ppm	0.2 to 1.0 ppm	0.2 to 1.0 ppm	0.2 to 1.0 ppm	zero	zero	< 0.1 ppm	< 0.1 ppm
Inlet pH Range	4-8	4-8	4-8	4-8	1-11	1-11	4-11	4-11
US List Price	\$806.00	\$1,060.00	\$897.00	\$1,060.00	\$1,251.00	\$1,396.00	\$1,040.00	\$1,396.00
TDS (Max. ppm CaCO₃)²	800		Inlet iron total (as Fe)		Turbidity		Langlier Saturation Index	
	< 0.5 ppm		< 1.0 NTU		Negative		Silt Density Index (S.D.I.)	
							< 5%	

¹ Membrane performance is dependent upon membrane condition, pressure, recovery, water temperature and water composition. Listed membrane performance for a new membrane is based on 25°C (77°F) feed water temperature, feed water composition of 1000 ppm NaCl at a pH of 6.0-6.5 and stated design specifications for operating pressure and feed water recovery for each model.

² Feed water suitability MUST be determined by a Barnstead W.A.T.E.R.™ analysis. This service is provided FREE. Please contact the Barnstead International technical service hotline at 563-556-2241 or 1-800-446-6060 and request an ULTROpure W.A.T.E.R. Kit.

³ Based on results of ULTROpure W.A.T.E.R. analysis.