

Household RO membrane Performance Parameters

Category	Effective Membrane Area ft2 (m2)	Water Production GPD (m3/d)	Stable Desalination rate (%)	Test conditions (water temperature 25 °C, pH 7.5-8.0)		
				Test solution mg/L	Test Pressure psi (MPa)	Recovery Rate (%)
RO-1812-50	4.2(0.39)	50(0.19)	96.0	500 (NaHCO ₃ 、 CaCl ₂ 、 NaCl、 MgSO ₄)	60(0.41)	55
RO-1812-75	4.2(0.39)	75(0.28)	95.0			
RO-2012-100	6.3(0.59)	100(0.38)	95.0			
RO-2012-150	6.3(0.59)	150(0.57)	94.0			
RO-2012-200	8.0(0.75)	200(0.76)	93.0		75(0.52)	
RO-2812-200	10.5(0.98)	200(0.76)	95.0		60(0.41)	
RO-3012-400	14.7(1.37)	400(1.51)	95.0		100(0.69)	
RO-3012-500	16.8(1.56)	500(1.89)	95.0			
RO-3012-600	18.9(1.76)	600(2.27)	94.0			
RO-3013-400	16.5(1.53)	400(1.51)	95.0			
RO-3013-600	18.9(1.76)	600(2.27)	94.0			
RO-3020-600	27.0(2.51)	600(2.27)	94.0			