

RO Membrane

RO membrane is made of the highest quality polyamide film composite material, Rejects impurities down to 0.0001 micron, which can completely filter out all particles of sand, colloid, rust, bacteria, viruses, scale, heavy metals, etc. in the water. Provide high-quality drinking water and enjoyment for your home or business.

Feed Water Pressure: 35 - 100 PSI

Temperate: 40 - 110°F/5-45°C

PH :3.0 -11.0

MAX TDS:1000 MG/L

Turbidity < 1.0 NTU

MAX SDI <4.0

Hardness < 5 GPG

Desalination rate: 94-96%



Model	Purification Flux	Average Traffic	Size	Matching membrane housing
BSD-1812-50	50G	0.13L/min	46*298mm	1812 Membrane Housing
BSD-1812-75	75G	0.2L/min	46*298mm	1812 Membrane Housing
BSD-2012-100	100G	0.26L/min	48*298mm	2012 Membrane Housing
BSD-2812-200	200G	0.52L/min	68*298mm	2812 Membrane Housing
BSD-3012-300	300G	0.78L/min	71*298mm	3012 Membrane Housing
BSD-3012-400	400G	1.00L/min	71*298mm	3012 Membrane Housing
BSD-3013-400	400G	1.00L/min	68*333mm	3013 Membrane Housing
BSD-3013-600	600G	1.56L/min	68*333mm	3013 Membrane Housing

Ultra low pressure reverse osmosis ULP series membrane

ULP series membrane is mainly used as an ultra-low pressure composite reverse osmosis membrane element for desalination treatment of surface water and groundwater with a salt content of up to 2000mg/L. It can be widely used in packaging drinking water, automatic water vending machines in residential areas or parks, office direct drinking equipment, food and beverage, etc. It has the characteristics of high water production, low operating pressure, and good desalination performance.



Model	Effective membrane area ft2(m2)	Water production GPD (m3/d)	Stable desalination rate(%)	est conditions (water temperature 25 °C , pH 7.5-8.0)		
				NaCl concentration mg/L	Test pressure psi (MPa)	rate of recovery (%)
ULP-4021	36(3.3)	950(3.6)	99.2	1500	150(1.03)	8
ULP-2540	27(2.5)	750(2.8)	99.2	1500	150(1.03)	15
ULP-2521	14(1.3)	400(1.5)	99.2	1500	150(1.03)	8
ULP-4040MR-2	100(9.3)	2400(9. 1)	99.6	1500	150(1.03)	15
ULP-4040HF	100(9.3)	2700(10.2)	99.5			
ULP-4040-2	85(7.9)	2200(8.3)	99.5			
ULP-4040	85(7.9)	2600(9.8)	99.35			
ULP-8040MR-2	440(40.9)	10500(39.7)	99.6	1500	150(1.03)	15
ULP-8040HF	440(40.9)	12500(47.3)	99.5			
ULP-8040-2	400(37.2)	10000(37.8)	99.5			
ULP-8040	400(37.2)	11000(41.6)	99.35			

Ultra low pressure reverse osmosis XLP series membrane

XLP series membrane is mainly used for desalination treatment of surface water and groundwater with a salt content of 1000mg/L. The ultra-low pressure composite reverse osmosis membrane element can be widely used in packaging drinking water, automatic water vending machines in residential areas or parks, office direct drinking equipment, food and beverage, etc. It has the characteristics of high water production, low operating pressure, and good desalination performance.



Model	Effective membrane area ft2(m2)	Water production GPD (m3/d)	Stable desalination rate(%)	est conditions (water temperature 25 °C , pH 7.5-8.0)		
				NaCl concentration mg/L	Test pressure psi (MPa)	rate of recovery (%)
XLP-4040HF	100(9.3)	3000(11.3)	99	500	100(0.69)	15
XLP-4040	90(8.4)	2600(9.8)	99.2			
XLP-8040HF	440(40.9)	13000(49.2)	99	500	100(0.69)	15
XLP-8040	440(40.9)	11000(41.6)	99.2			