

KUNO



“Membrane technology and LG quality”

MEMBRANES - NOW LG KUNO

Model Number	: 03000008
Product Name	: Kuno Membrane 1812-80 GPD

CUNO 1812 - 80 g/d

Esli Kuno Reverse Osmosis Elements for domestic water treatment allow you to use water safely and efficiently. For its purification, the technology of thin-film nanocomposite membranes developed by LG Chem is used. LG Chem offers the reliability and quality that customers around the world have come to expect.

KUNO residential reverse osmosis membranes are available in standard configurations and can be used with any domestic reverse osmosis membrane. Can easily fit into the system.

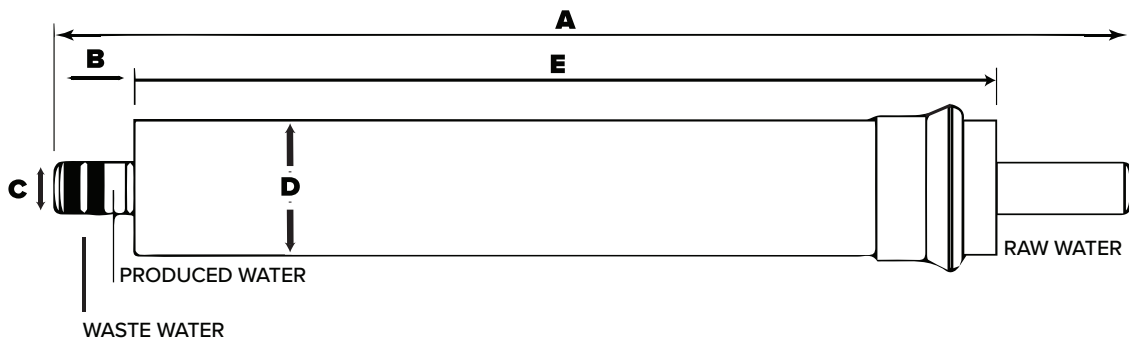
Product Features

Product water consumption (GPD)	80
Lowest NaCl remover	97 %
Standard solvent NaCl	98 %
Working pressure - psi (bar)	60 (4.1)

The above values were obtained under the following conditions: 250 ppm NaCl, pH 6.5 (with NaHCO₃), 25°C (77°F), 60 psi. inch (4.1 bar), 15% recovery. The flow rate for each membrane can vary by 15%.



Membrane Dimensions



	A		B		C		D		E	
	(inc)	(mm.)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
1812-80 GPD	11.7	298	0.7	18	0.7	17	1.8	44.5	10.4	265

Specifications

Maximum working pressure	10 bar (150 psig)
Maximum Operating Temperature*	45°C (113 °F)
Maximum feed water flow	7.6 lpm (2.0 gpm)
Ph range	2 - 11
The maximum raw water supply value is	5 SDI
Free chlorine resistance **	<0.1 ppm

* The maximum operating temperature is 35°C in continuous operation when the pH is above 10. (95°F)

** Under certain conditions, the presence of free chlorine and other oxidizing agents may cause unexpected membrane problems. Free chlorine must be removed by pre-treatment as oxidation damage is not covered by the warranty.