VONTRON ULP3012-400 RO Element

Brief Introduction

Independently developed by VONTRON, the RO element ULP3012-400 is designed for treatment of low-salinity water resources such as tap water, well water, etc. Working under extra low pressure, it is applicable to water purifying devices for residence, hospital and laboratory.

Model	Permeate flow (GPD)	Rejection Rate (%)	Min. Rejection (%)
ULP3012-400	400	98.5	96.5

Testing Conditions:

Testing Pressure …… 100 psi (0.69MPa)

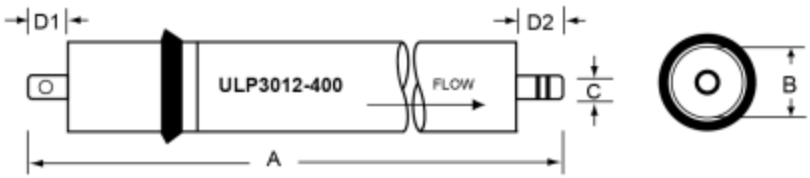
Temperature of Testing Solution ..... 25℃

Concentration of Testing Solution (NaCl) ..... 250 ppm

pH of Testing Solution ..... 6.5~8.5

Recovery of Single Element.....40%

Size of Membrane Element： 1.0 inch=25.4 mm



A/mm(inch)	B/mm(inch)	C/mm(inch)	D1/mm(inch)	D2/mm(inch)
298.0	73	17.0	21.0	21.0

Notice:

1. Any specific application must be limited within the Operating Limits and Conditions. We strongly recommend you to refer to the latest edition of technology manual and design guide prepared by VONTRON Technology Co., Ltd., or consult experts proficient in membrane technology. In case the customer failed to follow the specified operational requirements in the manual, VONTRON Technology Co., Ltd. will assume no liability for all results.
2. The permeate flow listed in the table is the average value. The permeate flow of single membrane element is within a tolerance not exceeding ±20% of the nominal value.
3. Discharge the permeate water produced during the first hour after system start-up.
4. During storage time and operation time, it is strictly prohibited to dose any chemical medicament that may be harmful to membrane elements. VONTRON Technology Co., Ltd. assumes no liabilities for any above-mentioned misconduct.
5. Moisture and pollution should be avoided in transportation. Handle with care to prevent damage.

This product should be stored in a ventilated and dry warehouse and should not be stored with corrosive articles and inflammables.

6. Dry membrane elements should always be kept wet after been used. When wet membrane elements are not used for a long time, in order to prevent the growth of microorganisms, it is recommended to soak the membrane elements with a protective solution containing 1.0% sodium bisulfite (food-grade) (prepared with RO water).