

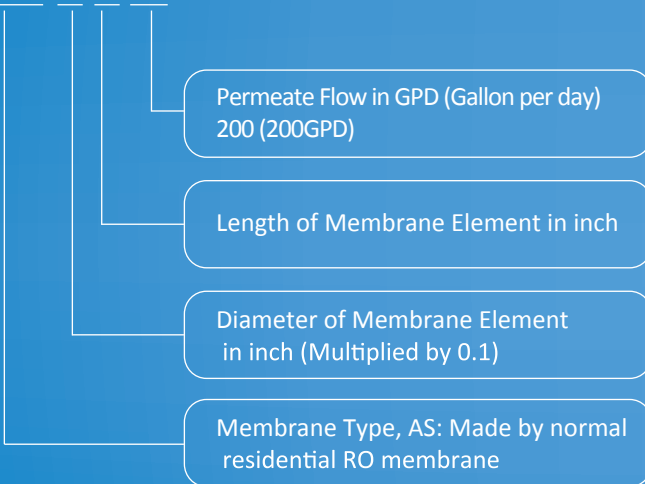
# MS<sup>®</sup> Non-Standard RO Element

Your Safe Our Success



## ◆ *Nomenclature*

ROAS-28 12-200



## ◆ *Application*

- Household water RO filter
- Ultra pure Water in hospital
- Mountain Area

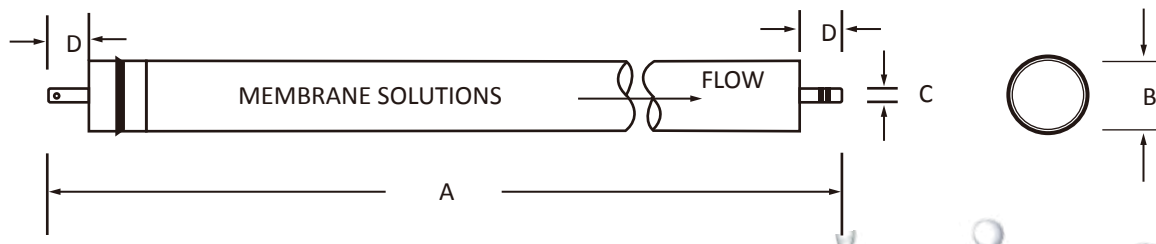
## ◆ *Features*

- Larger size
- Higher flux
- Longer service life

## ◆ *Description*

MS<sup>®</sup> Residential RO Elements can remove organics, microorganism, virus, metal ion, cancer-organic substance, and other soluble salt.

## ◆ Dimensions



Model of Element	A inch (mm)	B inch (mm)	C inch (mm)	D inch (mm)
ROAS2812-200	11.7 (298)	2.8 (71.1)	0.68 (17)	0.82 (21)
ROAS3012-300	11.7 (298)	3.0 (76.2)	0.68 (17)	0.82 (21)
ROAS3013-400	12.9 (328)	2.7 (68)	0.68 (17)	0.75 (19)

## ◆ Properties

Model of Element	Average Permeated Flow GPD (m <sup>3</sup> /d)	Stable Rejection Rate (%)	Minimum Rejection Rate (%)	Testing Pressure (psi)
ROAS2812-200	200(0.76)	97	95	100
ROAS3012-300	300(1.14)	97	95	100
ROAS3013-400	400(1.52)	97	95	100

## ◆ Test Date

Testing solution concentration (NaCl)	500ppm	Max. Feed water Temperature	45°C (113°F)
Testing Solution Temperature	25°C (77°F)	Max. Working Pressure	20.7bar (300psi)
pH Value of Testing Solution	7.5	Max. Feed water Permeated Flow	7.6LPM (2.0GPM)
Recovery Rate of Single Element	15%	pH Range of Feed water during Operation	3~10

## ◆ Attention

The permeate flow listed in the table is the average value.

The permeate flow of single membrane element is within a tolerance not exceeding ±15% of the nominal value.