

# AQUA FLO®

## Commercial 2.5" & 4" Reverse Osmosis Membranes

New Aqua Flo elements consistently offer high quality water and reliable system performance by operating at lower pressures and low energy costs.

### Features:

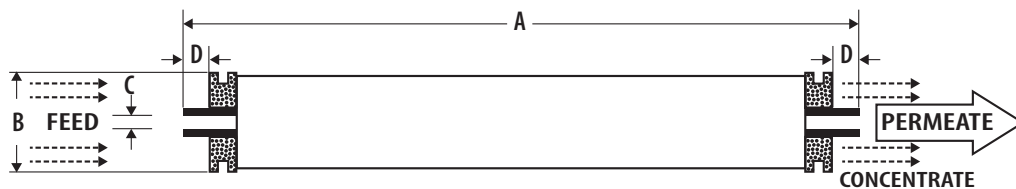
- ◆ Superior quality and cost savings
- ◆ Long lasting performance
- ◆ Low energy costs
- ◆ High flux rates
- ◆ High rejection rates
- ◆ Dry shipped for convenient handling and long shelf life
- ◆ Individually inspected and vacuum tested



This Membrane is Tested and Certified by NSF International against NSF/ANSI Standard 58 for material requirements only.

COMPONENT

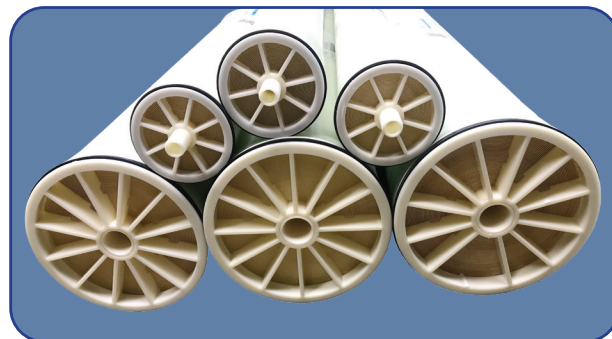




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COMPONENT

Model	A		B		C		D	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
AQ-X-2540	40.00	1016.0	2.40	61.0	0.75	19.1	1.19	30.2
AQ-X-4040	40.00	1016.0	3.90	99.1	0.75	19.1	1.05	26.7
AQ-U-2521	21.00	533.4	2.40	61.0	0.75	19.1	1.19	30.2
AQ-U-2540	40.00	1016.0	2.40	61.0	0.75	19.1	1.19	30.2
AQ-U-4040	40.00	1016.0	3.90	99.1	0.75	19.1	1.05	26.7



Item Number	Model	Type	Applied Pressure		Permeate Flow Rate (+/-20%)		Typical Stabilized Salt Rejection (%)	Minimum Salt Rejection (%)
			(psig)	(bar)	GPD	(l/h)		
92038AQ*	AQ-X-2540	2540 Ultra Low Energy	100	6.9	600	94.6	98.0%	97.5%
92036AQ	AQ-X-4040	4040 Ultra Low Energy	100	6.9	2000	315	98.0%	97.5%
92007AQ	AQ-U-2521	2521 Low Energy	150	10.3	300	47.3	99.0%	98.5%
92021AQ	AQ-U-2540	2540 Low Energy	150	10.3	750	118	99.0%	98.5%
92012AQ	AQ-U-4040	4040 Low Energy	150	10.3	2400	379	99.0%	98.5%

\*This membrane is not NSF Certified

Test Conditions	Ultra Low Energy	Low Energy
Testing solution concentration (NaCl)	500 ppm	1500 ppm
Test solution pH value	7.5	7.5
Temperature of testing solution	25 C	25 C
Recovery rate of single element	15%	15%
Testing pressure	100 psi	150 psi

Operating Limits And Conditions	
Free Chlorine Tolerance	<0.1ppm
Maximum Feed Water SDL	5.5
pH range of feed water during continuous operation	3-10
pH range of feed water during chemical cleaning	2-12
Maximum feed water operating temperature	45 C
Maximum operating pressure	300 psi
Maximum pressure drop of single element	15 psi
Maximum permeate flux	16 gpm



**AQUA FLO**<sup>®</sup>

A Division of



Your Local Water Specialist