

AQUA FLO®



Central Texas
Water Softeners

Industrial 8" X 40" 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



AQ-U-8040

Low energy membrane for TDS reduction of surface water, groundwater, tap water, or other low salinity sources (<2000ppm).

AQ-U-8040-HF

Ultra Low energy and high flow membrane for TDS reduction of surface water, groundwater, tap water, or other low salinity sources (<2000ppm).

AQ-U-8040-HR

Low energy and high reduction for TDS reduction of surface water, groundwater, tap water, or other low salinity sources (<2000ppm).

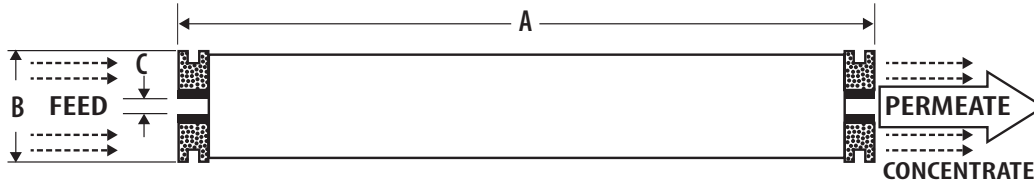
AQ-L-8040-400

Low energy and high reduction for TDS reduction of brackish surface water, groundwater, tap water, or other high salinity sources (<10,000ppm).

AQ-FR-8040-400

Foul resistant low energy and high reduction for TDS reduction of high salinity sources (<10,000ppm) as well as industrial water treatment to reduce organic pollutants.





Model	A		B		C	
	(In)	(mm)	(In)	(mm)	(In)	(mm)
8040	40.00	1016.0	7.95	201.9	1.13	28.6

Item Number	Model	Type	Applied Pressure		Permeate Flow Rate (+/-20%)		Typical Stabilized Salt Rejection (%)	Minimum Salt Rejection (%)
			(psig)	(bar)	GPD	(l/h)		
92096AQ	AQ-U-8040	8040 Low Energy	150	10.3	12,100	133.4	99.0%	98.5%
92097AQ	AQ-U-8040-HF	8040 High Flow Ultra Low Energy	150	10.3	13,200	145.5	98.0%	97.5%
92098AQ	AQ-U-8040-HR	8040 High Rejection	150	10.3	10,500	115.7	99.5%	99.0%
92099AQ	AQ-L-8040-400	8040 Brackish Water	225	15.5	10,500	115.7	99.5%	99.3%
92100AQ	AQ-FR-8040-400	8040 Foul Resistant	225	15.5	10,500	115.7	99.5%	99.3%

		AQ-U-8040	AQ-U-8040-HF	AQ-U-8040-HR	AQ-L-8040-400	AQ-FR-8040-400
Test Conditions	Testing solution concentration (NaCl)	1500 ppm	1500 ppm	1500 ppm	2000 ppm	2000 ppm
	Test solution pH value	7.5	7.5	7.5	7.5	6.5-7.5
	Temperature of testing solution	25 C	25 C	25 C	25 C	25 C
	Recovery rate of single element	15%	15%	15%	15%	15%
	Testing pressure	150 psi	150 psi	150 psi	225 psi	225 psi
Operating Limits And Conditions	Free Chlorine Tolerance	<0.1ppm	<0.1ppm	<0.1ppm	<0.1ppm	<0.1ppm
	Maximum Feed Water SDL	5.5	5.5	5.5	5	5
	pH range of feed water during continuous operation	3-10	3-10	3-10	3-10	3-10
	pH range of feed water during chemical cleaning	2-12	2-12	2-12	2-12	2-12
	Maximum feed water operating temperature	45 C	45 C	45 C	45 C	45 C
	Maximum operating pressure	600 psi	600 psi	600 psi	600 psi	600 psi
	Maximum pressure drop of single element	15 psi	15 psi	15 psi	15 psi	15 psi
	Maximum permeate flux	75 gpm	75 gpm	75 gpm	75 gpm	75 gpm



AQUA FLO®

A Division of



**CENTRAL TEXAS
WATER SOFTENERS**

Call Us Today! 830.730.6799

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