AQUA FLO 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

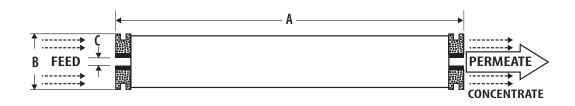
Low energy and high reduction for TDS reduction of surface water, groundwater, tap water, or other low salinity sources (<2000ppm).

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	Α		i	3	С	
		(In)	(mm)	(In)	(mm)	(In)	(mm)
	8040	40.00	1016.0	7.95	201.9	1.13	28.6

Item	Model	Time	Applied Pressure		Permeate Flow Rate (+/-20%)		Typical Stabilized Salt	Minimum Salt
Number		Туре	(psig)	(bar)	GPD	(I/h)	Rejection (%)	Rejection (%)
92096AQ	92096AQ AQ-U-8040 8040 Low Energy		150	10.3	12,100	1908.479	99.0%	98.5%
92097AQ	1097AQ AQ-U-8040-HF 8040 High Flow Ultra Low Energy		150	10.3	13,200	2081.977	98.0%	97.5%
92098AQ	AQ-U-8040-HR	8040 High Rejection	150	10.3	10,500	1656.118	99.5%	99.0%
92099AQ	02099AQ AQ-L-8040-400 8040 Brackish Water		225	15.5	10,500	1656.118	99.5%	99.3%
92100AQ	AQ-FR-8040-400	8040 Foul Resistant	225	15.5	10,500	1656.118	99.5%	99.3%

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







Your Local Water Specialist