

ALC Series Reverse Osmosis Systems

- ✓ Wall Mount Design
- ✓ Free Standing Frame Option Available
- ✓ Advance Membrane Technology
- ✓ Precision Manufacturing Tolerances
- ✓ Made in the USA

Features

- Powder Coated Aluminum Frame
- Dual 0-100psi Pre-Filter Pressure Gauges
- 0-300psi Pump Pressure Gauge
- 75-Series Reverse Osmosis Membranes
- 304 Stainless Steel Membrane Housing
- 40/60psi Tank Pressure Switch
- Membrane Auto Flush
- Dual TDS Meter
- 2.5" X 10" 5 Micron Sediment Pre-Filter
- 2.5" X 10" 10 Micron Carbon Block Pre-Filter
- 2.5" X 10" 10 Micron Carbon Block Post Filter
- Three 2.5" X 10" Filter Housings (Made in the USA)
- Optional 20" Filters and Housings Available
- Heavy Duty 5 Amp Transformer, with fuse protection
- Removable top cover for ease of service
- 100% Performance Tested and Preserved



* ALC-250 Shown with optional 20" stand and housings



MODEL	ALC-250	ALC-350	ALC-550
Part Number	70010	70030	70041
Voltage	110v	110v	110v
Flow Specifications			
Production Capacity gpd / lpm	250 gpd .654 lpm	350 gpd .919 lpm	550 gpd 1.44 lpm
Recovery	50%	50%	50%
Max Feed T.D.S.	1000	1000	1000
Membranes and Vessels			
Membrane	75-2514	75-2521	121-3012
Membrane Qty.	1	1	1
Membrane Size	2514	2521	3012
Nominal Rejection	98.5%	98.5%	98.5%
Vessel Material	Stainless Steel	Stainless Steel	Stainless Steel
Vessels	1	1	1
Array	1	1	1
Pre-Filters			
Size	2.5" X 10"	2.5" X 10"	2.5" X 20"
Type	Sediment	Sediment	Sediment
Micron	5	5	5
Material	Polypropylene	Polypropylene	Polypropylene
Type	Block	Block	Block
Micron	10	10	10
Material	Coconut Carbon	Coconut Carbon	Coconut Carbon
Pump			
Pump Type	Aquatec 5800	Aquatec 5800	Aquatec 5800
Motor	Totally Enclosed	Totally Enclosed	Totally Enclosed
Motor Type	Permanent Magnet	Permanent Magnet	Permanent Magnet
Electrical			
Phase	1	1	1
Frequency	60Hz	60Hz	60Hz
Amp Draw 110V	4	4	4
Connections			
Feed	3/8" QC	3/8" QC	3/8" QC
Permeate	3/8" QC	3/8" QC	3/8" QC
Concentrate	3/8" QC	3/8" QC	3/8" QC
Weights & Dimensions			
L X W X H	10" Filters	9" X 17.5" X 19"	9" X 27" X 19"
L X W X H	20" Filters	9" X 17.5" X 24"	9" X 27" X 24"
L X W X H	10" Frame	9" X 27" X 25"	9" X 27" X 25"
L X W X H	20" Frame	9" X 27" X 30"	9" X 27" X 30"
Weight (lbs.)		40	45

Systems production and recovery based on 500TDS, 77°F softened feed water at 100psi.