



WATER

Industrial Water Purification

1(800) CAL-WATER

Reverse Osmosis Systems

CAL-A-LP Series

250 to 12,000 Gallons Per Day

0.3 to 8.3 Gallons Per Minute

The **CAL-A Series** Reverse Osmosis (RO) units are low cost, high performance systems, that are both simple to operate and energy efficient. They feature product to brine ratios that conserve water and reduce pre-treatment costs. The **CAL-A Series** come standard with state-of-the-art high rejection (99%), low pressure (~130 psi) TFC membranes. The result is an RO product line that is both environmentally friendly, with low operating costs.

STANDARD FEATURES



Model No. CAL-A-3000

- High rejection (98-99%), low pressure spiral wound TFC Membranes that feature turbulent flow for the ultimate in fouling resistance
- Membrane housings are mounted vertically to reduce the footprint
- Efficient high pressure pumps and motors with unique non corrosive high pressure regulating valves
- Powder coated steel frame (White)
- Heavy-duty 5 micron sediment pre-filter
- Liquid filled stainless steel high impact pressure gauges on pump feed and concentrate
- Pump throttling valve
- Concentrate control valve
- Inlet solenoid valve
- Low pressure switch
- Manual/Auto flush
- Proprietary watertight central control panel with digital readouts
- Water tight power wiring / shrouding
- Factory tested
- All components that come in contact with the product water are either inert plastic or stainless steel
- Complete instruction manual.
- Fast, responsive factory and dealer support on any problem or question

**For More Information Please Call
1(800)CAL-WATER - (800) 225-9283**

OPTIONS

- Comprehensive control and alarm packages with user adjustable limits and timers.
- Automatic Fast Flush
- Auto Reset Low Pressure Switch (Manual is standard).
- Digital Flow Meters
- Concentrate Recycle Valve
- Membrane Selections from nanofilter to 99.7% ultra-high rejection.
- FRP Pressure Vessels (250 & 400 psi)
- 304 SS Pressure Vessels (300 psi)
- Digital TDS Monitor/Controller
- Differential Pre-filter Pressure Gauges (In/Out)
- 50 Hz, 1-Phase Motor
- Cold Water Membranes- ESPA & EP3300
- ECM-100 Solid-state controller/monitor.
- Central, easy to read alarm display w/status indicator lights.
- RS-232 comm. Port to download data to a computer.
- Full Computer Control/Data Acquisition. (Network capable.)
- **Cal Water support**, including service contracts. (Limited – **OR** – Turnkey.)

SIZING AND SELECTION

Model No.	Product		Membranes		Pump HP	Inlet Pipe Size	Unit Specifications	
	GPD	GPM	Size	Qty			Dimensions	Wt (lbs)
CAL-A- 250 -LP	250	0.2	2.5"x 21"	1	1/3	1/2"	22"x 27"x 40"	73
CAL-A- 500 -LP	500	0.3	2.5"x 21"	2	1/3	1/2"	22"x 27"x 40"	82
CAL-A- 1000 -LP	1,000	0.7	2.5"x 21"	3	1/2	1/2"	23"x 27"x 40"	99
CAL-A- 1500 -LP	1,500	1.0	4" x 40"	1	3/4	1/2"	23"x 27"x 57"	170
CAL-A- 3000 -LP	3,000	2.1	4" x 40"	2	1	1/2"	32"x 32"x 49"	190
CAL-A- 4500 -LP	4,500	3.1	4" x 40"	3	1 1/2	1/2"	32"x 32"x 49"	320
CAL-A- 6000 -LP	6,000	4.2	4" x 40"	4	1 1/2	3/4"	32"x 32"x 49"	370
CAL-A- 7500 -LP	7,500	5.2	4" x 40"	5	3	3/4"	32"x 37"x 57"	425
CAL-A- 9000 -LP	9,000	6.3	4" x 40"	6	3	1"	32"x 37"x 57"	480
CAL-A- 12000 -LP	12,000	8.3	4" x 40"	8	3	1 1/2"	36"x 30"x 60"	530

Minimum inlet pressure is 40 psi. Maximum chlorine or other oxidizer content is 0.1 ppm. (NOTE: Specifications are subject to change without notice. Please Consult Factory before finalizing a design or placing an order.)

Limited Warranty: CAL-A controls and pressure vessels have a 1-year warranty. Warranty is for the repair or replacement of the equipment only, barring misuse or abuse, at Cal Water's discretion, and excludes any loss or damage caused by defect in or malfunction of equipment or labor. (Please see Terms and Conditions of Sale)

Cal-Water has been selling, installing and servicing water purification equipment since **1946**.

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