



REVERSE OSMOSIS SYSTEM

Purify Your Water



A cost effective way of producing pure water.

- A compact centralized industrial water purifying facility.
- Standard models produce up to 6 GPM pure water, larger sizes available.
- Reduces soluble and insoluble contaminants to 10 ppm.
- Reject or concentrated salts in compliance with sanitary sewer regulations.



ENERVAC

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MODEL E960A- REVERSE OSMOSIS SYSTEM

REVERSE OSMOSIS SYSTEM ADVANTAGES:

- Unattended automatic operation.
- Uses full P.L.C. controls.
- Removes up to 98% of dissolved minerals.
- Removes greater than 99% of colloids, bacteria and organics greater than 200 mol.wt.
- Improves the life and stability of water soluble coolants and parts cleaners.
- Uses tried and tested dedicated membrane technology.

APPLICATIONS:

- Metal working and parts cleaner fluids.
- Laboratory and Medical Industry.
- Electronics Industry.

OPERATION:

Reverse Osmosis is a membrane separation process, wherein purified water is extracted by using synthetic membranes which are permeable to water molecules but relatively non permeable to contaminants. The raw water stream is first pressurized to reverse the natural osmosis process that occurs across the semi-permeable membranes. The contaminants are not able to pass through the RO membrane and concentrate on the reject side, where they are eventually flushed to waste. The purified water is collected in the product stream and is available for use in a multitude of laboratory, medical, electronic and industrial process applications.

STANDARD MODEL FEATURES:

Standard model features include stainless steel housings, non corrosive piping and components, product quality indicator, high pressure st st pump c/w low pressure and high temperature protection, pressure indicator, prefilter, RO membranes & housings, product & reject flow indicator, st st reject & recycle controls which can recycle to inlet feed or be directed to sewer. Clean in place fittings.

MODEL GPD*	ELEMENT QTY	MOTOR HP
350	1	1/2
700	2	3/4
1100	3	3/4
1500	4	1
1900	5	1
2800	6	3

* Ratings are provided using inlet water temperature of 10°C (50°F).

OPTIONS	DESCRIPTION
S60	Water Softener 60,000 Grain
S90	Water Softener 90,000 Grain
C2	Carbon Filter 2 cu. ft.
B10	Outlet Booster Pump c/w R.V.
STL	Storage Tank Level Control
M	Conductivity Meter
SM	Skid Mounted
11	115V 1PH 60C
22	220V 1PH 60C
46	460V 3PH 60C
57	575V 3PH 60C

OPTION CAPY USG	STORAGE TANK	
	DIA "	HEIGHT "
200	36	56
250	42	52
500	48	84
1100	60	102
2300	90	90