

Series A

Reverse Osmosis System.

- Heavy duty polyurethane-coated aluminum cabinet to resist corrosion
- Spiral wound membranes with stainless steel pressure vessels
- Rotary-vane positive displacement pump
- Feed water low pressure shut down for pump protection
- Nylon high pressure tubing
- Feedwater, pump and concentrate pressure gauges
- Concentrate and permeate flow gauges
- Level control for auto operation
- NEMA 3R electrical enclosure
- Timer controlled automatic flush
- Temperature compensated, dual channel resistivity monitor for water quality control
- UL listed product



Hydro's Reverse Osmosis Systems purify water utilizing a membrane separation process to remove dissolved salts, macromolecules, colloids and particulates. Reverse Osmosis is often used as pretreatment to deionization and other final treatments. It also provides high purity water for other applications including a wide variety of manufacturing processes.

In addition to being self-contained and ready for installation, Hydro's Reverse Osmosis Systems come equipped with complete systems monitoring instrumentation. Hydro uses industrial grade components for increased reliability. We also offer a wide variety of membranes and flow capacities with average salt rejections to 99 percent.

Perhaps the most important advantage of a Hydro Reverse Osmosis System is the monetary savings you will realize - high quality water for less than a penny per gallon. Operating costs average less than 1/10 of the cost of distillation. Reverse Osmosis pretreatment extends the lifespan of downstream deionization systems by as much as eight times, drastically reducing this costly operating expense. Service and maintenance contracts are available to enhance your overall cost savings.



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