

# REVERSE OSMOSIS UNITS

CREATE EXCEPTIONALLY CLEAN WATER



## REVERSE OSMOSIS UNITS:

TTX Environmental manufactures reverse osmosis (RO) units for virtually any application, either commercial or industrial. RO units can be used to provide exceptionally clean water for critical manufacturing procedures and require minimal operator oversight.

Contact a TTX Environmental sales engineer to learn more.

## BENEFITS:

TTX Environmental reverse osmosis units generate pure water for use in nearly every process and have the ability to separate dissolved solids from water. Commercial RO systems can be installed nearly anywhere due to their small footprint and 115 volts, 20 amp power requirement. Industrial units prevent scaling when used as a medium in heat exchange functions. TTX Environmental RO systems automatically compensate for temperature and integrate a chemical feed system for antiscalant and chlorine reduction. Commercial units are rated at 77° F and industrial units are rated at 45° F. All TTX Environmental reverse osmosis units require minimal operator oversight. There are no carbon filters, no water softeners, and a lifetime supply of membranes .

## SPECIFICATIONS

### INDUSTRIAL

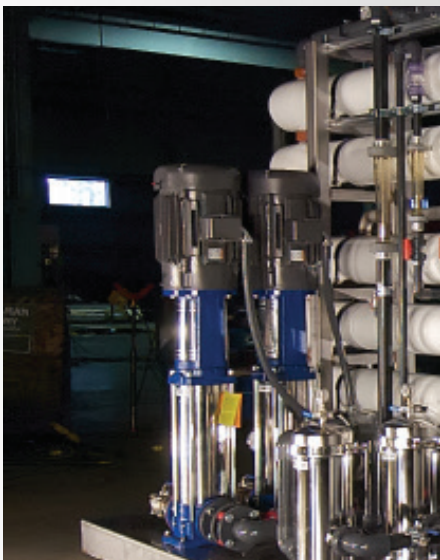
- Available outputs: 10-1,000 gallons per minute
- Fully automated to minimize operational costs
- Variable frequency drive for high pressure pump
- Single pass or multi-pass systems available
- Stainless steel high pressure plumbing
- Schedule 80 PVC low pressure plumbing
- Clean-in-place equipment for long lasting performance
- Stainless steel skids
- Fiberglass housings
- Holding tank with stainless steel repressurization pump
- 70% water recovery
- UV light available

### COMMERCIAL

- Available outputs: 3000, 5000, 7000 gallons per day
- Ultra high-efficiency membrane technology allows super low horsepower pump
- No water softener required
- No floor mounted carbon filter required - cartridge based carbon filters treat up to 70,000 gallons each
- Simple installation; 115 volt electrical service
- Durable powder coated steel
- 70% recovery water recovery

Reverse osmosis units generate pure water for nearly any use.





### PRACTICAL APPLICATIONS:

TTX Environmental RO units are designed to efficiently and inexpensively remove dissolved solids and contaminants from water used in commercial and industrial applications. Commercial RO units are used in a variety of settings: the service and hospitality industry, the medical and pharmaceutical industry, chemical fields and the agricultural industry. Industrial RO units can be configured to treat and recycle wastewater generated by metal finishing and plating operations, circuit board and semiconductor manufacturing, automotive manufacturing, food and beverage production, and groundwater and landfill leachate processes.

### COST EFFECTIVENESS:

TTX Environmental reverse osmosis systems provide savings to industrial companies and smaller businesses that utilize large volumes of water. Not only do RO units reduce water and sewer costs, but they also require minimal manpower to operate.

## TAKE THE WASTE OUT OF WASTEWATER

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