

REVERSE OSMOSIS SYSTEMS



The Proton reverse osmosis systems are designed to provide high purity water under the rigorous demands of continuous operation and harsh environments.

These are premium quality systems that include an array of standard features making them suitable for most commercial and industrial applications. They are also available with optional operational and control features and ancillary equipment giving you the capability to completely customize your system. Whatever your high purity water application Proton USA Corp has the reverse osmosis system you need.



APPLICATIONS

- Potable water
- Bottled water production
- Food processing
- Pharmaceutical industry
- Agriculture
- Electronics
- Cooling towers
- Boilers
- Chemical industry
- Electro-chemical industry
- Municipalities
- And many more!

CHARACTERISTICS

- Thin film composite membranes
- Stainless steel multi-stage pump
- PLC controls
- Heavy duty FRP pressure vessels
- Industrial grade stainless steel frames
- 5 micron sediment pre-filter
- Product TDS monitor
- Permeate and concentrate flow meters
- Low pressure protection
- High pressure protection
- Automatic inlet valve
- Hour meter
- Pre and post flush
- Nema 12/4x control panel
- Factory performance tested



ADDITIONAL ACCESORIES

- Man machine interface "MMI"
- Data acquisition logging
- Electromechanical controls
- Time clock flush
- Product water dumping
- Flow meter upgrades
- Aluminum frame
- TDS rejection monitor
- Temperature indicator
- pH monitor
- Product water pressure switch.

OTHER AVAILABLE EQUIPMENT

- Level control switches
- Storage tanks
- Chemical feed systems
- Activated carbon filters
- Softeners
- UV sterilizers
- Complete turnkey system supply

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