

AXEON R1-SERIES

REVERSE OSMOSIS SYSTEM



DESCRIPTION

The R1 Series Reverse Osmosis Systems are designed for overall superior performance, high recovery rates, minimal energy consumption and offers great savings with low maintenance and operation costs.

The R1 Series systems feature a new, innovative design. These systems feature only the highest quality components, including a programmable computer controller with many built-in standard features, a stainless steel booster pump for high performance and corrosion resistance, ultra low energy membranes and fiberglass membrane housings for enhanced performance and durability.

The R1 Series has been engineered for capacities ranging from 1,800-21,600 gallons per day.

APPLICATIONS



INDOOR



GREENHOUSE



HYDROPONICS

BENEFITS

- Fully equipped and customizable
- Skid mounted
- Smaller size compared to other RO systems
- Components easily accessible
- Pre-plumbed, wired and assembled
- Individually tested and preserved
- Low operation and maintenance costs
- Easy maintenance & servicing
- 20% less energy than standard RO systems
- 1-year limited warranty

STANDARD FEATURES

- S-150 Computer Controller
 - LCD back lit display
 - Pre-treatment lockout
 - Tank level input
 - Low pressure monitoring and alarm
 - TDS Monitoring
 - Feed flush
 - Hour meter
- AXEON permeate and concentrate flow meters
- AXEON concentrate recycle with flow meter
- AXEON pre-filter 0-100 psi panel mounted glycerin filled gauges
- AXEON pump discharge & concentrate 0-300 psi gauges
- AXEON 5 micron sediment pre-filter
- AXEON HF5 series ultra low energy membrane elements
- AXEON FRP series membrane housings 300 psi
- AXEON by Pentek- 20" big gray cartridge housings
- Goulds multi-stage stainless steel booster pump
- ASCO composite feed solenoid valve
- Feed low pressure switch
- White powder coated aluminum frame
- Dual chemical pump outlets

OPTIONS & UPGRADES AVAILABLE

ITEM CODE	DESCRIPTION	DIMENSIONS	WT
SPECIAL	R1 Series RO system	32" x 50" x 60"	xx