



*The Siebold Company, Inc.*



## RO Water Treatment System

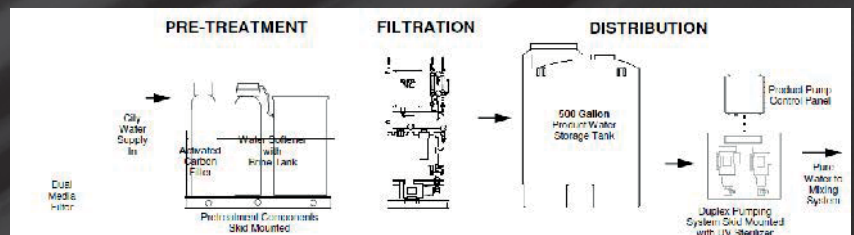
A closed-loop water system designed to eliminate scaling, mineral deposits, hard water deposits and bacteria growth with a wide variety of dampening and inking systems.

### FEATURES

- Eliminates scaling, mineral deposits, hard water deposits, and bacteria growth in all type of dampening and inking systems.
- Stabilizes ink and fountain solution formulations by eliminating additional chemicals used to compensate for hard water.
- Stainless steel membrane pressure vessels
- Brass Rotary vane pump
- Automatic feed water shut-off solenoid
- Inlet & outlet pre-filter gauges
- Product & reject water flow meters
- Automatic membrane flush



**RO Water Treatment System**



### OPTIONS

- Skid Mounting of all components
- Duplexed Product Pumps
- UV Sterilizer with Circulation Pump
- Pretreatment Skid Mounted
- Sizes available from 200 to 10,000 GPD
- Spare Parts Package
- On-Site Installation and Training

### SPECIFICATIONS

#### Distribution

Product Water Storage Tank:

Size: 500 Gallon  
46" Dia. X 76" H

Pumps:  
Size: 1 HP Pumps-Duplexed  
Electrics: 230V/1PH/8 FLA  
UV Unit: 10GPM 120V/60

#### RO Unit

Capacity: 1900 GPD (1.31GPM)  
Conversion Rate: 50%  
Control: Microprocessor Controller  
Electrics: 230/1PH/60Hz  
Size: 18" L x 18" D x 60" H

#### Monitors

TDS Meter  
Product Tank Level Control  
Flow Monitoring & Control System  
Auto Flush System

#### Pretreatment

Activated Carbon Filter:  
Size: 10" Dia. x 54" H  
Flow Rate: 14 gal/min  
Water Softener:  
Size: 10" Dia. x 54"H (Resin Tank)  
18"Dia x 33" H (Brine Tank)  
Exchange Capacity: 45,000 grains  
\*Pretreatment Skid:  
Size: 14" L x 48" D x 60" H  
Material: Powder Coated Steel  
Factory wired