

## BEVERAGE INDUSTRY



### CAPABILITIES:

- Single Pass, Double Pass, & Recovery Designs
- Optimized, Efficient Equipment
- Fully Automated Designs with Allen Bradley PLC's & Touchscreen HMI's for RO and/or Complete Water Room Operation
- 316 L Stainless Steel Construction
- Customizable Builds from 100-500 GPM

Our range of reverse osmosis equipment for the beverage industry are based on our extensive experience and capabilities to design quality, standardized equipment that will be a long-term asset.

Each reverse osmosis system will have the capability to be customized to the specific needs of your location with the instrumentation, site footprint, and the capabilities you need.



### CONTACT US:

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## **REVERSE OSMOSIS EQUIPMENT**

Product Chemistry Targets	IBWA Purified Water Standard Capabilities
Equipment Types Available	TDS: 1-10 mg/L , Chloride: 0.5 mg/L, & pH: 5-7
Permeate Range	Single Pass, Double Pass, and Recovery Designs
Design Recovery	100 – 500 GPM (Alternative Sizes are Available)
Material of Construction	Water Chemistry and Temperature Dependent
Interconnection Piping	316L Stainless Steel with FRP Pressure Vessels
	Sized for the Specific Equipment Application Requirements
	316L Stainless Steel (Sanitary on Permeate)
	CPVC Options for Recovery Designs
Footprint	Variable Capabilities (Water Room Dependent)
Multi-Stage Pumps	Primary, Secondary, & Recovery Stage Equipment
RO CIP	On-Frame, Portable, and/or Integratable to Site Capabilities
Chemical Injection Capabilities	Anti-Scalent, Acid, and/or Caustic as Needed
Pressure Vessels	3M, 4M, 5M, and 6M FRP Designs
Enclosures	NEMA 4X – UL508A
Disconnect Enclosures	Primary, Secondary, & Recovery Panels
	Allen Bradley PowerFlex VFD's
Control Panel Enclosures	PLC Selected to Match Specific Client Needs
	RO Only to Complete Water Room Capabilities

