

# Multi-Pass 600 Reverse Osmosis

**Provides variable flow rates with changing influent water quality conditions, production requirements.**

**Convenient production solution for removing dissolved solids, total organic carbon, other colloidal contaminants.**

**Operable in single or double-pass mode with nominal flow rates up to 600 gpm and 300 gpm, respectively.**



## FEATURES

- Quick conversion to single- or double-pass operating mode
- Removes up to 99 percent of ionic contaminants and organics over 200 molecular weight
- PLC controlled chemical feed systems for dechlorination, prefiltration, scale inhibiting and pH control
- 24-hour remote access and PLC to ensure water quality parameters are met
- Variable frequency drive (VFD) controlled motors on pumps to reduce electrical consumption and improve efficiency
- 24/7 Logistics Department for dependable order placement and delivery coordination
- Onboard touchscreen panel PC and PLC for real-time SCADA and system trending

## APPLICATIONS

- Total dissolved solids reduction
- Organic compound reduction
- Colloidal silica reduction
- Demineralizer system pretreatment
- Water system outage support
- Environmental improvement and waste discharge reduction
- Wastewater recovery for process use or discharge



#### DIMENSIONS

**Trailer:**  
53'x8.5'x13.5' (LxWxH)

**Operating Weight**  
75,000 pounds

#### PRODUCT WATER

**Single Pass Product**  
Up to 600 GPM (45° F)

**Double Pass Product**  
Up to 300 GPM (45° F)

**Recovery**  
≤75%

**Rejection**  
≤99%

#### CONNECTIONS

**Inlet/Product/Reject**  
6" Camlock/Flange

#### REQUIREMENTS

**Max. Water Temp.**  
110° F

**Inlet Turbidity**  
<1 NTU

**SDI15**  
<3

**Electrical\***  
480 VAC, 315 - 365 FLA,  
3 PH

#### INSTRUMENTATION

Inlet, product and reject  
flow meters

pH and conductivity  
meters

Digital pressure  
transducers

Electrically efficient VFD  
controlled pumps

