

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, scale inhibiting, interpass caustic
- 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
- 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
≥95%

CONNECTIONS

Inlet/Product/Reject
4" Camlock or 6" ANSI
Class 150 Flange

REQUIREMENTS

Max. Water Temp.
100° 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

Automated recovery valve

