

Multi-pass 350 Reverse Osmosis

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

Removes dissolved solids, total organic carbon (TOC) and other colloidal contaminants.

Operable in either single- or double-pass mode, with nominal flow rates up to 350 gpm and 175 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, pre-filtration, 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 media filtration
- 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

65,000 pounds

PRODUCT WATER

Single Pass Product

Up to 350 gpm (45° F)

Double Pass Product

Up to 175 gpm (45° F)

Recovery

≤75%

Rejection

≤99%

CONNECTIONS

Inlet/Product/Reject

4" Camlock/Flange

REQUIREMENTS

Max. Water Temp.

100° F

Inlet Turbidity

<2 NTU

SDI15

<3

Electrical

480 VAC, 250 - 350 FLA,
3 PH

Note: Electrical details
for unit provided upon
request

INSTRUMENTATION

Inlet, product and reject
flow meters

pH and conductivity
meters

Digital pressure
transducers

Electrically efficient
VFD-controlled pumps

