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 chlorination, 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 media filtration
- Onboard touchscreen panel PC and PLC for real-time SCADA and system trending

APPLICATIONS

- Total dissolved solids reduction
- Organic compound reduction
- Extends life of demineralizer system
- 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
≥95%

CONNECTIONS

Inlet
4” Camlock or 6" ANSI Class 150 Flange

Product/Reject
4” Camlock

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

Automated recovery Valve