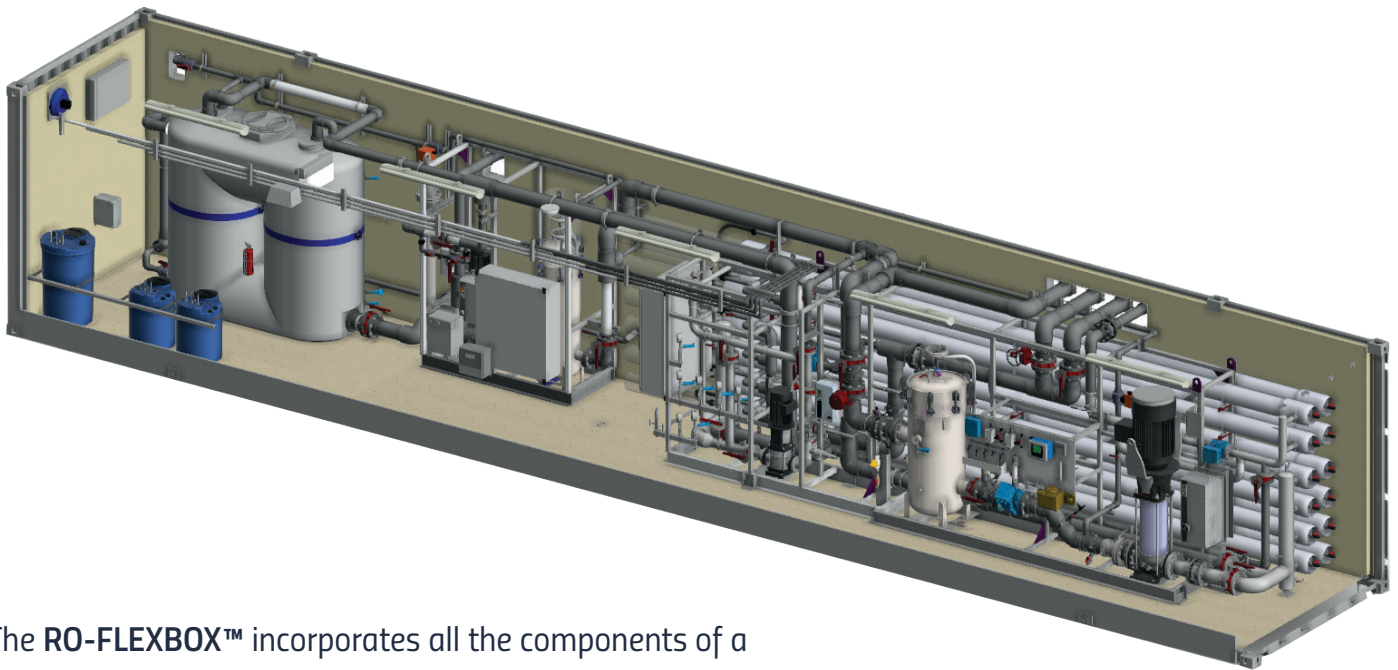


**PRE-ENGINEERED
FAST INSTALLATION
FULL-FEATURED PLANT**

FLEXBOX

Containerized Reverse Osmosis System



The **RO-FLEXBOX™** incorporates all the components of a complete Water Treatment Plant on site arrival. Fully factory tested, units are quickly deployable for emergency treatment, temporary capacity increase and scheduled equipment maintenance.

Intellogx™ Enabled

- Remote access to all HMI functions
- 24/7 monitoring and alarm call-out
- Store, visualize and analyze operational data in graphs and dashboards to enable quick decisions and optimize performance
- Automated report generation on Key Performance Indicators

Applications

- Drinking water
- Wastewater Reuse
- Boiler Feedwater
- Ion Exchange Pretreatment
- Mine Process Water and Remediation
- Can be combined with the UF-Flexbox as pretreatment

Overall Design

- Typical Permeate Flow of 400gpm
- Two stage 8:4 array
- 7 elements, 300 psi vessels
- 75-85% recovery range

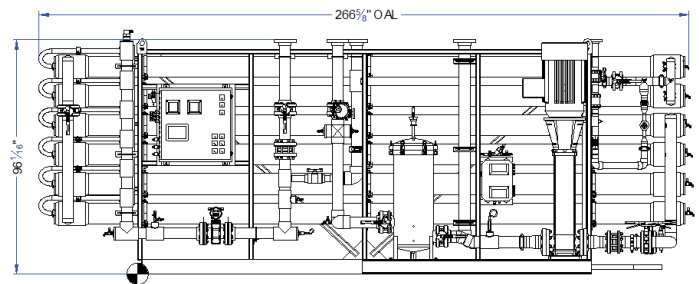


Equipment

- Cartridge filter on feed water and CIP
- Interstage Boost Capabilities for maximum flexibility
- Integral CIP system with pump, heater and tank
- 3 chemical dosing skids configurable for antiscalant, pH control and chloramination as required

Automation

- Compact Logix Allen Bradley PLC
- 15" HMI
- VFD on feed and booster pumps for power efficiency
- Fully automated flow control to maintain permeate flow and recovery setpoints
- Automated feed and permeate flush



Container Specifications

- Dimensions: 53ft L x 8.5ft W x 9.5ft H
- Minimum Inlet pressure requirement of 15 psi
- HVAC
 - Fully insulated to R-12
 - 25,000 BTU/HR Cooling
 - 16,000 BTU/HR Heating
- Power:
 - 460VAC, 60 Hz, 3 Phase
 - 300 Amps
- Weight:
 - Shipping: 31,000 Lbs
 - Operating: 65,000 Lbs