

# Ultrafiltration Membrane Systems

## AltaPac™ Pilot/Rental Unit

### System Number R235B

WesTech ultrafiltration membranes provide reliable, high-quality solutions for potable and process water treatment that is targeted to your needs. Our pilot plant is used to demonstrate performance, test specific criteria, and verify design parameters for full-scale systems. Additionally, the system can be rented for temporary use.

Pilot Specifications	
Flow range	10-75 GPM
Module compatibility	Toray HFU-2020AN
Module capacity	3
Panel power supply	240V/60Hz/1ph, 106 FLA
Operational control	Automatic
Shipping weight	2,500 lbs
Skid dimensions	11'-4" L x 4'-10" W x 10'-6 1/2" H
Shipping height	6'-5"
Features / Components	
Feed pump	3 HP
Backwash pump	3 HP
Connection Sizes	
Feed	2" flange
Filtrate	2" flange
Backwash supply	2" flange
Backwash waste	2" flange & drain down
Air supply	1" NPT
Distribution Line	2" flange
Sample sink drain	1" ID tubing
Turbidimeter drain	1/2" ID tubing



### The R235B Pilot Plant Includes:

- Feed and backwash supply tanks
- 200 µm pre-strainer
- Ultrafiltration membranes
- Integral CIP and maintenance cleaning system
  - Sodium hypochlorite pump
  - Acid pump
- Instrumentation:
  - Feed turbidimeter
  - Filtrate turbidimeter
  - Filtrate flow meter
  - Filtrate pH transmitter
  - Temperature transmitter
- Pressure decay test capable
- Remote monitoring / data acquisition
- Air compressor

Contact WesTech today to learn more about our capabilities or to implement a pilot test at your facility. Our responsive engineering team will help facilitate scheduling and pilot setup of the ultrafiltration pilot plant.