

Ultrafiltration Membrane Systems

AltaPac™ Pilot/Rental Unit

System Number R207

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	10-180 GPM
Module compatibility	Toray HFU-2020AN
Module capacity	5
Panel power supply	480V/60Hz/3ph
Operational control	Automatic
Shipping weight	2,500lbs
Skid dimensions	11'-6" L x 5'-0" W x 10'-10" H
Shipping height	6' - 7"

Features / Components

Feed pump	10 HP
Backwash pump	10 HP

Connection Sizes

Feed	4" flange
Filtrate	4" flange
Backwash supply	4" flange
Backwash waste	3" flange
Concentrate	3" flange
Air supply	1/2" NPT
Turbidimeter drain	1" ID tubing

The R207 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
 - Feed flow meter
 - Filtrate flow meter
 - Feed pH transmitter
 - 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.