

AltaPac™ Ultrafiltration

Packaged Membrane Systems (5 – 350 gpm)

The WesTech AltaPac™ is a full-featured water treatment system optimized for flow rates up to 350 gpm. The skid-mounted design includes all pumps, valves, and ancillary components for rapid installation and seamless operation.

The AltaPac™ is guaranteed to reliably produce a high quality filtrate using durable 0.01 – 0.1 µm membranes. Complete automation, remote monitoring, low cost of ownership, and a compact design make it an ideal choice for industrial applications and small communities.



Features and Benefits

- Guaranteed filtrate turbidity <0.1 NTU
- Guaranteed SDI <3 for NF/RO pretreatment
- Certified 4-log for Giardia, Cryptosporidium
- Flanged, single-side connections for <1 day install
- Low footprint with three-sided access
- Fully-automated, expandable control system
- Meet redundancy and future expansion
- Toray, Dow, Hydranautics, Inge, Scinor compatible

Applications

- Potable water
- Water recycling and reuse
- NF/RO pretreatment
- Industrial process water
- Mining waste remediation
- Retrofit systems

Typical Filtered Water Quality

Turbidity	<0.1 NTU
Giardia	99.9999% removal
Cryptosporidium	99.9999% removal
Virus	1.5 log removal
SDI	<3

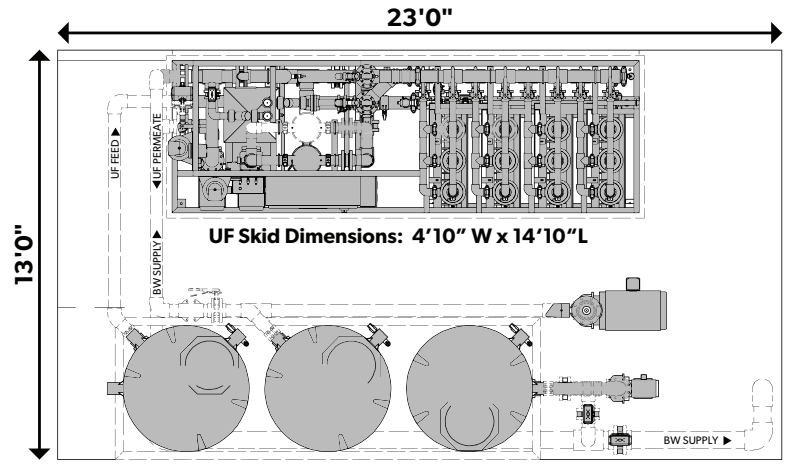
**NSF/ANSI 419 and CDPH Certified
Title 22 and NSF/ANSI 61 Certified
UL 508A Listed**



AltaPac™ VI system with complete redundancy



AltaPac™ XII system producing 200 gpm



With an efficient layout and three-sided maintenance access, the AltaPac™ has the lowest footprint of any complete packaged UF system.

Standard Equipment Package

- High-strength PVDF TIPS membranes
- Automated integral clean-in-place system
- Automated daily integrity testing
- NEMA 4/4x electrical enclosures
- Allen Bradley® PLC controls
- Panel-mounted touchscreen HMI with SCADA
- UL 508A control panel listing
- Remote monitoring system
- Powder-coated steel skid frame
- Schedule 80 PVC and HDPE piping
- Feed and backwash pumps
- Variable frequency drives
- Automatically-backwashing prestrainer
- Instrumentation:
 - Turbidimeters
 - Flow meters
 - Pressure gauges and transmitters
 - pH and temperature transmitters
- Valves with pneumatic actuators
- Compressed air system

Optional Equipment Features

- Neutralization system
- Coagulant feed system
- Chlorine disinfection system
- Block and bleed valves
- Stainless steel piping and skid frames
- HDPE tanks
- Service and maintenance plans
- Extended warranty

AltaPac™ Ranges

AltaPac™ III	Net Flow: Up to 75 gpm Capacity: Up to 3 modules installed Footprint: 9'-10" L x 4'-10" W x 11'-1 1/16" H
AltaPac™ VI	Net Flow: 35 - 150 gpm Capacity: Up to 6 modules installed Footprint: 11'-6" L x 4'-10" W x 11'-3 15/16" H
AltaPac™ XII	Net Flow: 70 - 350 gpm Capacity: Up to 12 modules installed Footprint: 14'-10" L x 4'-10" W x 11'-5 11/16" H