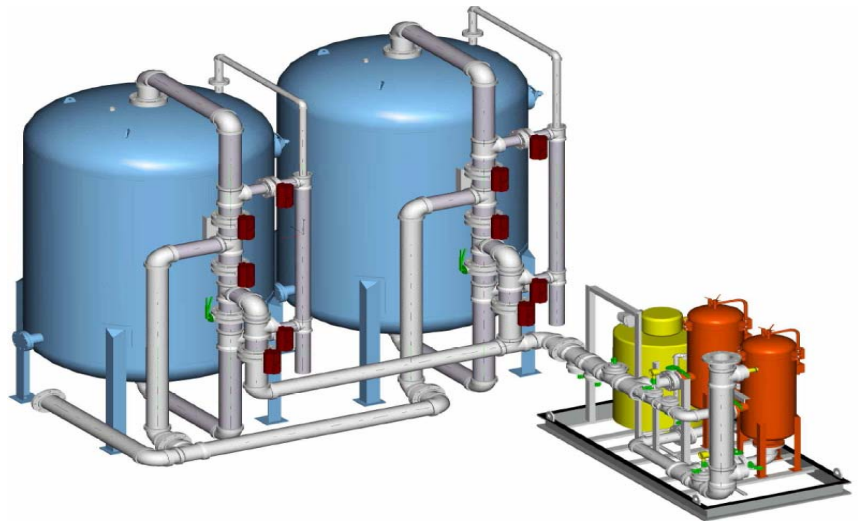




Arsenic Removal

*Proven Adsorption
Technology Provides
Effective Arsenic
Removal*



AVANTech's modular equipment accommodates all types of iron and titanium based media and is designed to provide an efficient, reliable and economical means of arsenic removal.

FEATURES

- ✓ Skid/ trailer/ container mounting
- ✓ Advanced Arsenic selective media from leading manufacturers
- ✓ Integrated companion technologies for solids removal, chlorination, pH adjustment, etc.
- ✓ Automated controls with data logging

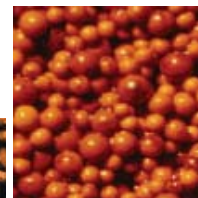
BENEFITS

- ✓ Quick installation / startup
- ✓ Sluicable vessel design minimizes time for media replacement
- ✓ Mitigates system transients
- ✓ Improved product quality
- ✓ Unattended system operation

OPTIONS FOR IMPLEMENTATION

AVANTech offers a variety of implementation options and services to accommodate client needs; these options include the following:

- Capital Purchase
- Short & Long Term Leasing
- Experienced engineers and trained operators available to support system design and operation



*Arsenic
Adsorption Media*



Arsenic Removal

PERFORMANCE FACTORS

- Standard flow rates from 50 to 500 gpm
- Arsenic reduced to <10 ppb
- Throughput of >50,000 BV or (>400,000 gal/ft³)
- Skid mounted systems (*Oxidation, pH adjustment, pre-filtration and lead-lag vessel configuration provided when required to optimize performance*)
- Supports 24/7 unmanned operation (*No or minimal downtime required for back-washing or regeneration*)
- No secondary liquid waste requiring discharge or offsite treatment
- Sluicable media for emptying and refilling vessels
- Instrumentation and control solutions allow remote operation and data logging (options for Telemetry Control available)
- Ideal for turnkey municipal installations

PILOT SCALE DEMONSTRATION

- ✓ Verify treatment system compatibility
- ✓ Verify Component Performance
- ✓ Qualify and Optimize System Parameters
- ✓ Create Basis For Guaranteed Performance



Onsite Testing

WE'RE AVAILABLE

AVANTech provides high-quality water treatment systems and services that meet the client's budget, safety and regulatory compliance requirements.

For additional information on this and other AVANTech products and services, please contact us at the office nearest you or at our web site.

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