



# HEAT & COOL

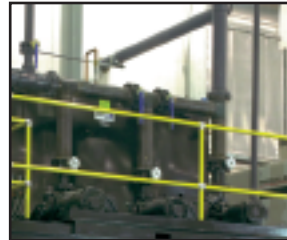
## PUMP TANKS



### PUMP TANK ASSEMBLIES AND SYSTEMS

All of our pump tank assemblies are backed by proven engineering and expert fabrication that have made our systems the standard of the industry for more than 30 years. Process cooling water is circulated by centrifugal pumps with cast iron housings, bronze impellers and mechanical seals. Full sized pump suction and discharge valves are expertly assembled on solid decks and includes suction isolation valves, throttling valves, discharge check valves, pressure gauges and gauge trim. You can customize your AEC Pump tank assembly with dozens of pump configurations and control options. AEC's experienced engineering staff will assist you in designing your system.

Innovative processing systems require extensive planning, exact engineering, and single-source contracting with efficient installation. The AEC project management team seamlessly sews the entire process together, from initial system survey to advanced support. We assume responsibility for subcontracts and project coordination through our project management services group. Our extensive experience and sophisticated project management process guarantees hassle-free, timely completion of projects.



From pipe design and installation, electrical power and control systems, structural steel and concrete, we handle everything.



As the designer of both equipment and systems, we optimize the use of new technology resulting in benefits to your process



Our global service and support network is available 24 hours, 7 days a week for start-up, preventative maintenance and emergency service.



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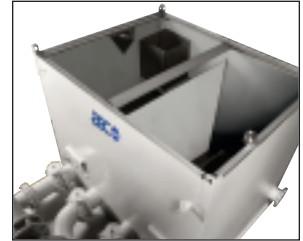


### FEATURES

- Automatic make-up valve with splash guard for trouble-free level control
- Full size pump trim assures performance, includes suction valve, discharge check valve, throttling valve, pressure gauge and gauge trim, all expertly assembled
- Stainless steel construction provides a durable finish, is easy to clean and extends service life
- Standard tank color is industrial grade black enamel. Other colors are available
- Field mounted thermometers for ease of monitoring
- Check valve on discharge trim prevents supply line drain-back, eliminates pump start shock
- High efficiency motor from 1.5 to 75 horsepower standard
- Diamond plate, solid steel pump deck for added serviceability and safety
- Many more options



Generously sized pump trim reduces pressure drop and provides optimum flow to the process.



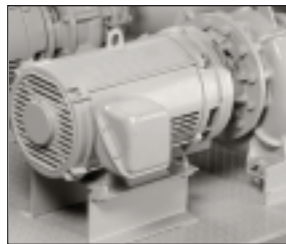
Ruggedly constructed stainless steel plate reservoir with all seams welded inside and out for the longest service life.



Tank-mounted control options are expertly pre-wired to reduce field labor.



Standard systems from 140 to 6285 gallons are available.



Up to 5 pumps per deck. Standby pumps are available to accommodate future expansion



Standard systems from 50 through 4000 tons are available with fiberglass towers, polymer towers, or towers with hot dipped galvanized metal casings.



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