



Aqua Pro Pump Systems
a Tomiko Inc. Company



Standard and Custom Lift Stations

Aqua Pro Pump Systems lift stations are offered in a variety of basin sizes, pump sizes, and configurations depending on the application. Professional contractors can save 30 to 80 labor hours on a commercial installation while reducing their liability and headaches. At the same time increase the reliability by purchasing a complete packaged system built by the professionals.

PERFORMANCE

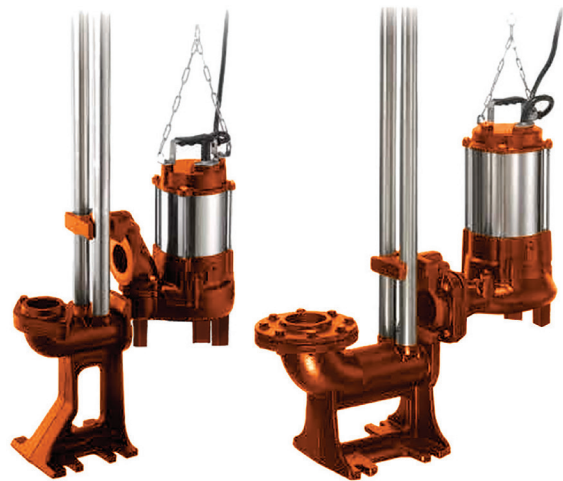
- Flows to 6,000gpm +
- Heads to 270' +
- Basin Size: 10' Inside Diameter and 20' Depth

APPLICATIONS

- Sewage
- Storm Water
- Specialty
- Effluent



96" +



**ENGINEERED SYSTEMS TO FIT
ALMOST EVERY APPLICATION!**

PUMP SYSTEM FEATURES and BENEFITS



- Simplex, Duplex, and Triplex configurations available
- High quality filament wound fiberglass basin with anti-flotation insert
- Basin sizes 18" - 120" diameter to 20'+ deep (meets ASTM D3753-99 requirements)
- Valve vaults, attached or detached (available upon request)
- Non-skid fiberglass, steel, aluminum, and H2O covers (gasketed, water tight seal)
- Quiet ball type check valve (sewer rated)
- Buna rubber mechanical or "push" type entry and discharge hubs
- Schedule 40 galvanized steel or stainless steel guide rails
- PVC ball type or ductile iron (AWWA) gate type isolation valves
- Easy service PVC Schedule 80 union
- Cast iron or stainless steel base elbow for easy lift-out of pump
- PVC Schedule 80 plumbing
- Mushroom style vent cap for remote mounting
- Stainless steel float bracket
- High impact PVC mechanical float switches with cable weight (non-mercury floats)
- All stainless steel fasteners
- Buoyancy calculations available for high water table areas
- Vented manifold to prevent air locking

Pumps available in 1/3hp to 100hp+

- Type: submersible, grinder (1.3 - 10hp), cutter, multistage, trash, positive displacement, etc.
- Single seal, dual seal - car/cer, sil car/sil car, and specialty
- Explosion proof (*Class I, Division I, Groups C and D*)
- High temperature
- Impellers in a variety of types and configurations including: stainless steel, cast iron, high chrome, vortex, single vane, dual vane, proprietary, etc.

Macerators

- With lift-out assemblies, in-line, and in-vault
- Immersible motors
- Cutter life of five years plus

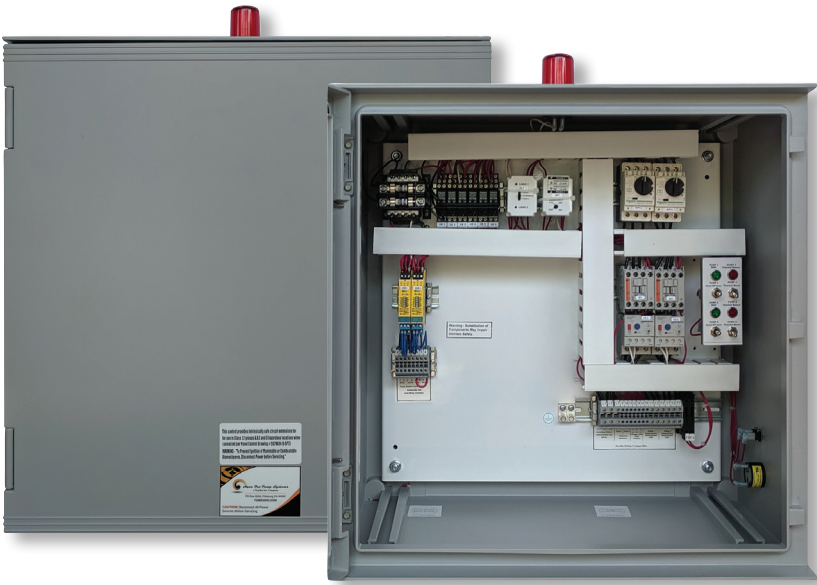
Catch Baskets

- For use in high debris applications
- Stainless steel
- In basin with lift-out assembly

NOTE: other basin sizes and types, pumps, and configurations available with customized systems for specific applications (*consult factory*).



CONTROL PANELS



- Simplex, Duplex, and Triplex configurations available (0 - 300A plus)
- Multi-voltage rated (1hp and 3hp)
- Heavy duty hand-off-automatic switches
- Green pump run indicator
- Red alarm beacon
- Alarm horn (95dB)
- Test/Silence switch
- Heavy duty IEC motor contactors
- Clearly labeled terminal blocks
- Type 4X enclosure (fiberglass reinforced)
- UL® Listed (all)

Custom Control Panel Options:

- Run Timer(s)
- Cycle Counter(s)
- Soft Start/Stop
- Intrinsically Safe
- Variable Frequency Drive(s) (VFDs)
- Human Machine Interface (HMI) Touchscreen
- Building Automation System (BAS) Compatible
- Remote Monitoring and Control
- Auto Dialer
- Enclosure Types: Fiberglass, Reinforced Steel, and Stainless Steel
- Enclosures Available: Type 1, 3, 3R, 4, 4X, and 12

HMI - Home and Alarm History Menu Screens | Custom Option Examples

- Pump run indication for Pump 1 and Pump 2
- Liquid level in tank, graphic and text display
- Setpoints of each float, displayed in inches
- Activated float indication (low, off, lead, lag, high)
- Alarm banner, scrolling display of current alarm
- Alarm history with date and time of each event
- Press MENU button for additional menu options

Message	Date	Ti
XXXXXXXXXX	mm/dd/yyyy	24:1
XXXXXXXXXX	mm/dd/yyyy	24:1
XXXXXXXXXX	mm/dd/yyyy	24:1