

INNOVATIVE LANDFILL AND REMEDIATION PUMPING

THE SELF CLEANING REVOLUTION IN LANDFILL LIQUID PUMPING

QED has created a pump that can operate in the most extreme landfill conditions. The new **AP4 Xtreme** pump utilizes the unique, non-stick coating and polished metal internal components of the AP4 Ultra and Ultra High Temperature pumps with the exclusive AutoPump Xtreme self-cleaning action. The auger creates a fluid spinning motion during pump fill and discharge cycles. This field-proven vortex action helps particles from settling on internal surfaces, giving you at least 10 times longer pump in-service times*. The combination of AP4 Ultra coating and continuous internal scouring also means a reduction of over 50% of time spent cleaning the pump internal components*. The AutoPump AP4 Ultra Xtreme lets you redirect important labor resources to more critical tasks. The new AutoPump AP4 Ultra Xtreme is available as a Short, Bottom Loading pump in either a standard AP4 Ultra or AP4 Ultra High Temperature pump.

FEATURES

- Exclusive self-cleaning vortex action
- Proprietary finish on internal components
- Unique non-stick finish on pump float
- Reduced pump fouling
- Reduced service requirement

BENEFITS

- Improved in-service life on the longest lasting pumps
- Self-cleaning action helps reduce buildup on internal surfaces
- More than 50% reduction in cleaning effort and time*
- Increased in-service time by 10 times or more*
- Less labor required to support pumps in the ground

*When compared to AP4 and AP4 Ultra pumps



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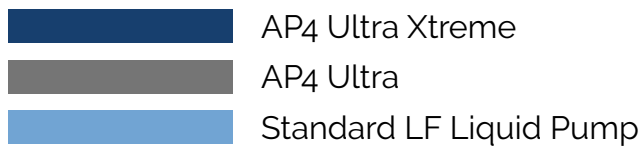
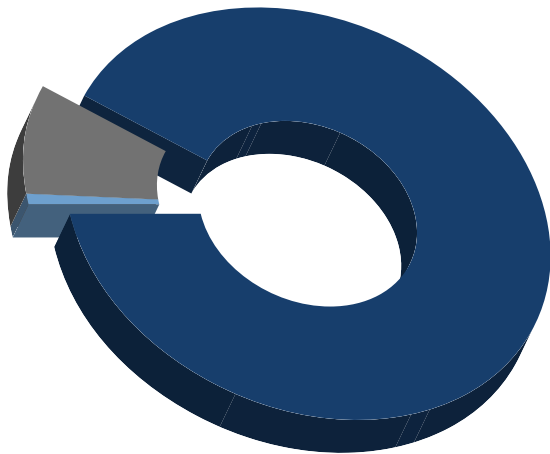
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AP4+ XTREME

LIQUID PUMPING TO THE XTREME

The AutoPump AP4+ Ultra Xtreme models feature proprietary coating and material finish to further extend the service life of the pump and to handle wells too tough for other pumps. All nonmetallic internal parts are PVDF, a high-grade engineering plastic with higher strength at elevated temperatures and extremely broad chemical resistance. The stainless-steel parts are upgraded to 316-grade for improved corrosion resistance. QED's patented AutoPump landfill liquid pumps are designed specifically to handle difficult conditions reliably and safely, including hydrocarbon (LNAPL and dissolved phase) remediation, landfill leachate and methane condensate pumping, solvent (dissolved phase and DNAPL cleanup,) suspended solids, silts, corrosives, and high viscosities, along with high temperatures and frequent start and stop operation. The exclusive Xtreme self-cleaning auger can be ordered on Short, Bottom Loading AutoPump AP4 Ultra or AP4 Ultra High Temperature pumps.

OPERATING HOURS



Based on field trials where standard pumps operated for 1-2 days between cleanings, AP4 Ultra pumps operated for 15 days and AP4 Ultra Xtreme pumps operated in excess of 160 days before requiring cleaning.



KEY AUTOPUMP AP4 XTREME SPECIFICATIONS

- 4" Bottom Inlet-Short Models
- Max Temp: 180°F (80°C) Standard Model or 250°F (120°C) High Temperature Model
- 316 grade stainless-steel auger creates self-cleaning action during intake & discharge cycles
- Proprietary finishes reduce buildup and extend the time between cleaning.
- Special non-stick finishes require 50% less time to clean than AP4 or AP4 Ultra pumps.
- All metallic parts are 316-grade stainless steel for greater corrosion resistance.

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