

INNOVATIVE LANDFILL AND REMEDIATION PUMPING

EXTENDING THE REVOLUTION IN LANDFILL LIQUID PUMPING

QED has created a pump which 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 vortex inducing auger. The auger creates a spinning motion to the incoming liquid to help keep particles suspended and moving. This field proven vortex action has resulted in an additional ten-fold improvement in pump service times. The combination of AP4 Ultra coating and continuous internal scouring means a reduction of over 70% of time spent cleaning the pump internal components. The AutoPump Xtreme lets you redirect important labor resources to more critical tasks. The new AutoPump Ultra Xtreme is available as either a standard Ultra pump or the QED Ultra High Temperature pump (for temperatures up to 250F / 120C).

FEATURES

- Exclusive vortex inducing auger
- Proprietary finish on internal components
- Unique non-stick finish on pump float
- Reduced pump fouling
- Reduced service requirement

BENEFITS

- Induces liquid agitation, keeping contaminants suspended
- Reduced buildup on internal surfaces
- More than 70% reduction in cleaning effort and time
- Increased in-service time by 10 times or more
- Faster pump cleaning
- Less labor required to support pumps in the ground

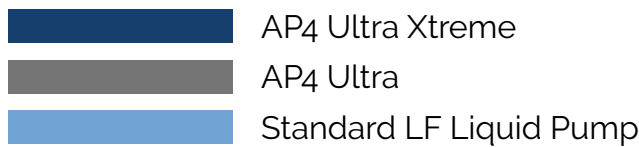
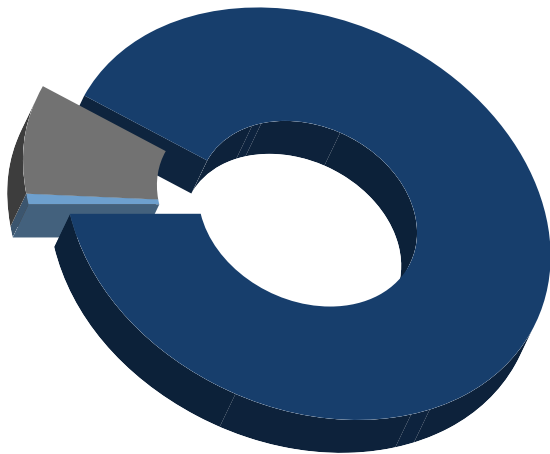


AP4+ XTREME

LIQUID PUMPING TO THE XTREME

The AutoPump® AP4+ Ultra Models feature proprietary coating and material finish to further extend the service life of the pump and to broaden the range of conditions each model can be used in. 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 starts and stop operation. The exclusive vortex inducing auger can be added to the AutoPump AP4 Ultra or AP4 Ultra High Temperature pump.

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 service.



KEY AUTOPUMP AP4 XTREME SPECIFICATIONS

- 4" Bottom Inlet-Short Models
- Max Temp: 180F (80C) Standard Model or 250F (120C) High Temperature Model
- 316 stainless-steel vortex inducing auger
- Proprietary finishes reduce buildup and extend the time between cleaning.
- Special non-stick finishes require less than half the time to clean than traditional pumps.
- All metallic parts are 316-grade SS for greater corrosion resistance.

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Data Sheet Reference : TDS 2414


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