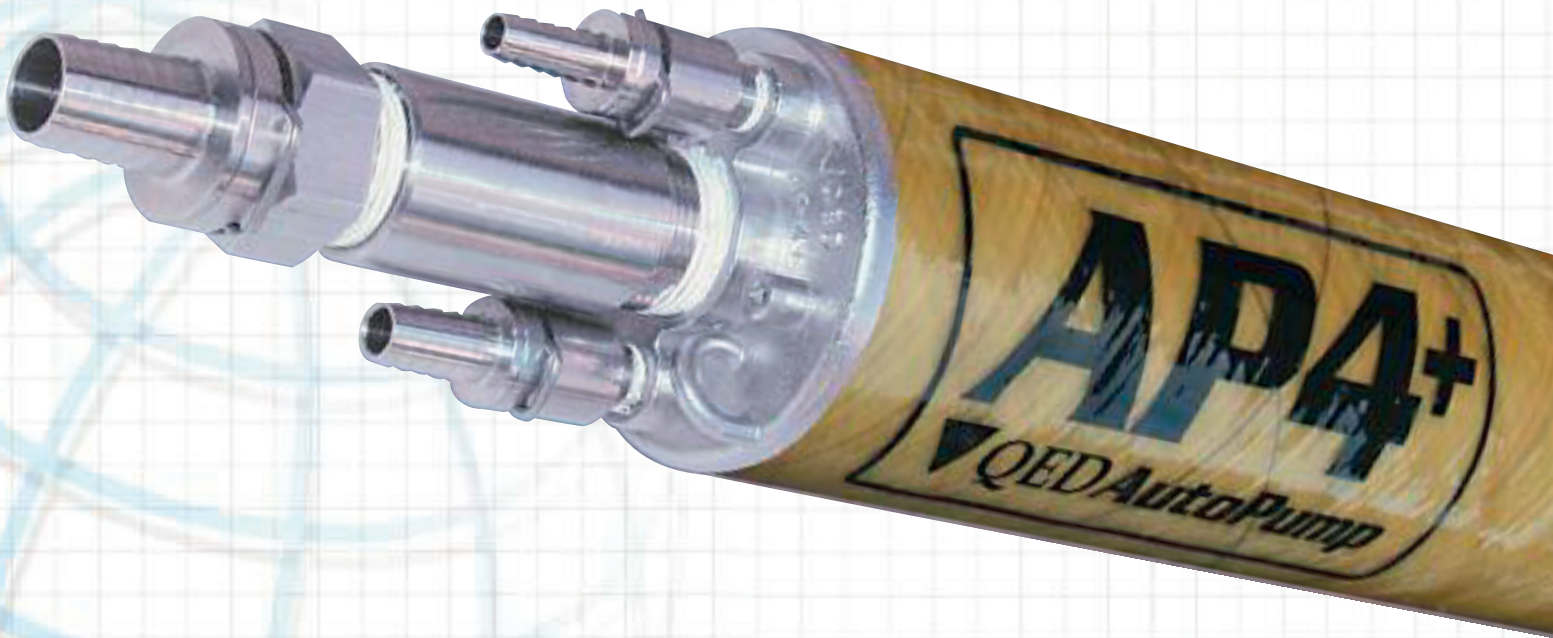




The Next Generation AutoPump[®] AP4+

- Easier to Disassemble and Clean
- Same Proven AutoPump[®] Air Control Mechanism
- Upgraded Materials
- Expanded 5-year Warranty



AutoPump®

The New AP4+

Same proven internal design, improved user features and value

The AutoPump® AP4 has been the gold standard for landfill and remediation pumping for over 20 years, proving itself #1 in reliability, long service life and the longest warranty in the industry. Although the original design has proven superior over time, QED has continued to refine it to make it even more reliable. The new AP4+ model now builds on the world's #1 choice for landfill and remediation pumping and makes it even better, to deliver more value to our customers. At the same time, the new AP4+ keeps the same internal mechanism design that AP4 users have depended on for over 20 years, along with the industry's leading pumping rates and low air consumption.

What makes the AP4+ even better?

- Easier to disassemble and clean
- Upgraded materials
- Expanded 5-year warranty terms



Removing the spring clip allows for easy disassembly of the float.



Smooth ID helps reduce the rate of solid buildup inside the casing.



Easier to Disassemble and Clean

The AP4+ was made easier to clean by borrowing from our HammerHead® pump design, using 3 bolts to attach the pump inlet and open up the pump. This is easier than having to rotate the inlet multiple turns to unthread it from the center tube inside the pump, especially under field conditions of silt, deposits and coatings. Removing the inlet is also aided by the new, precision ID pump casing, ensuring a more controlled fit. The new pump casing's smoother internal surface has the added benefit of reducing the rate of buildup of solids and coatings inside in some cases. The Easy Fittings make it a snap to remove the tubing from the pump without cutting, and the float is now easily removed by pulling a clip.

Upgraded Materials

The new AP4+ features upgraded materials for many parts 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 now made of PVDF*; this is a high-grade engineering plastic with higher strength at elevated temperatures and extremely broad chemical resistance, including to acidic and oxidizing cleaning agents sometimes used for pump maintenance. All stainless steel parts have been upgraded to 304 grade or higher for improved corrosion resistance.

Expanded 5-year Warranty

The new and improved warranty, a straight 5-year warranty with no pro-rating, is proof of the AP4+'s successful history and continued improvements.

Of course, the new AP4+ is compatible with the AutoPump Family of Accessories, including:

- Sheathed nylon pump tubing sets for maximum chemical resistance, reduced weight, less tangling and easier handling, another innovation lead by QED.
- QED's Easy Fittings for affordable, quick connection and removal of the pump from its tubing set, built to function easily even under high solids well conditions. These are now available pre-installed to pump and tubing so pump system installation just snaps together!
- QED's Easy Bolts for rapid access to flanged wellheads.
- The industry's widest range of wellhead completions to match your site so that pump installation goes smoothly. Custom options are available to fit your specific wellhead requirements.

AP4+ Bottom Inlet Disassembly



Pull out the release clips.



Once the clips are removed, simply pull the connections apart.

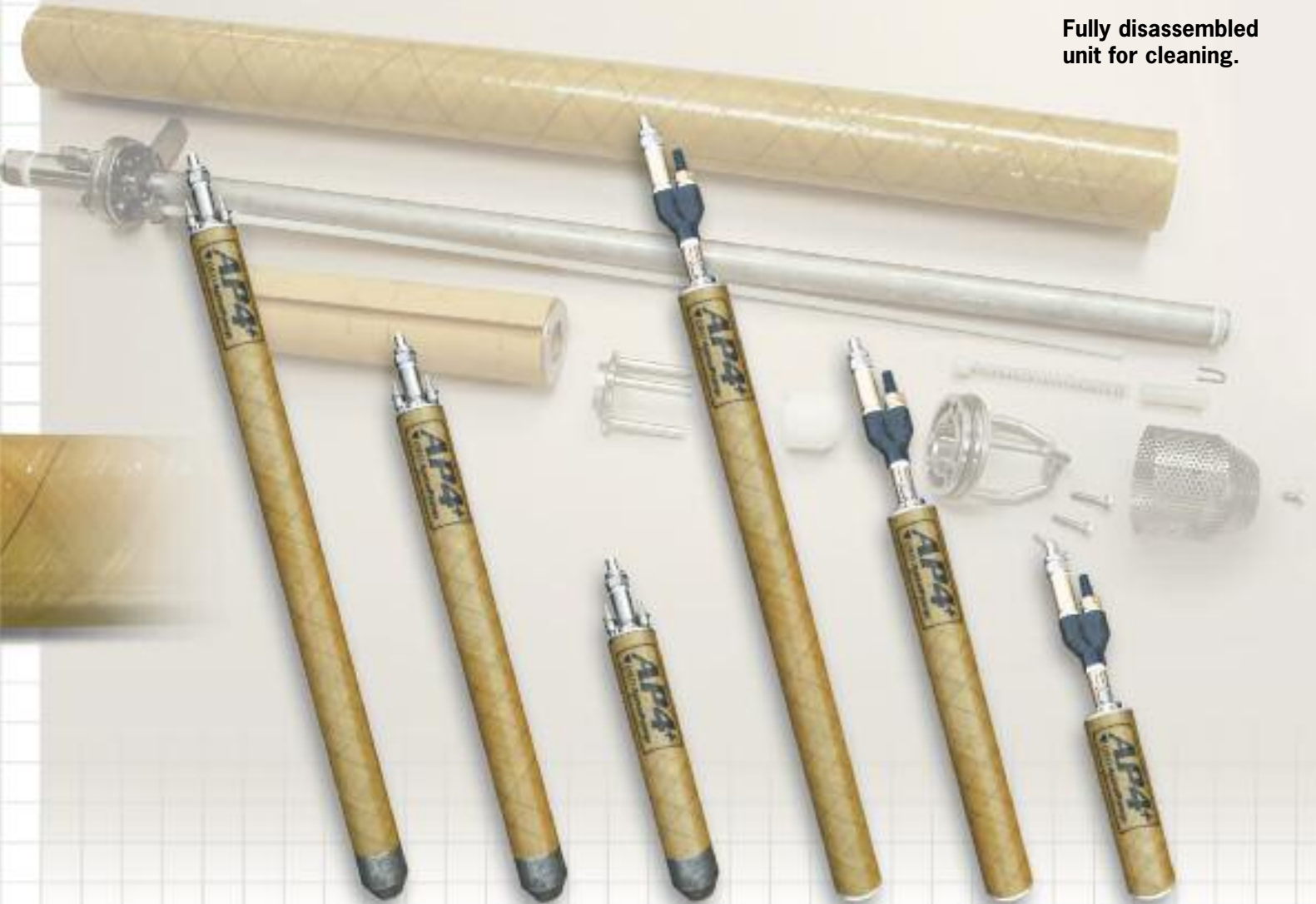


See the AP4+ disassembled in two minutes with this video online: <http://www.qedenv.com/AP4plus>

* Except for the standard top-filling wye, which is made of acetal.

Builds On A Tradition Of Success

Fully disassembled unit for cleaning.



AP4+ Series Pumps

	4" Pump Long AP4+B	4" Pump Short AP4+B	4" Pump LD AP4+B	4" Pump Long AP4+T	4" Pump Short AP4+T	4" Pump LD AP4+T
Fluid Inlet	Bottom	Bottom	Bottom	Top	Top	Top
Diameter	3.6 in. (9.1 cm) OD	3.6 in. (9.1 cm) OD	3.6 in. (9.1 cm) OD	3.6 in. (9.1 cm) OD	3.6 in. (9.1 cm) OD	3.6 in. (9.1 cm) OD
Length	51.4 in. (131 cm)	39.3 in. (100 cm)	27.5 in. (70 cm)	56.7 in. (144 cm)	45 in. (110 cm)	30.75 in. (78 cm)
Maximum Flow	14 gpm (69 Lpm)	13 gpm (49 Lpm)	7 gpm (26.5 Lpm)	10 gpm (38 Lpm)	9 gpm (34 Lpm)	6.4 gpm (24 Lpm)
Maximum Depth	250 ft. (76 m)	250 ft. (76 m)	250 ft. (76 m)	250 ft. (76 m)	250 ft. (76 m)	250 ft. (76 m)
Actuation Level	38.4 in. (98 cm)	26.7 in. (68 cm)	15.3 in. (39 cm)	53.3 in. (135 cm)	41.6 in. (106 cm)	27.4 in. (70 cm)

All pumps can handle temperatures of 180° F. Special models available for severe applications, including high temperatures, high viscosity and corrosive conditions. Visit our website at www.qedenv.com for specifications, flow rates and operating conditions, or contact QED directly at 1-800-624-2026.

Products Designed for Easy Field Operation

QED utilizes over 20 years of experience in air-powered pumping to find ways to improve the value we offer our customers, including helping reduce the total cost of pump installation, service and ownership.



Easy Wellheads
Wellheads in both flange and vacuum seal styles are easy to install because they are pre-equipped with your preferred fittings and accessories, such as pump cycle counters, check and shut-off valves, access ports, etc.



Easy Bolt
Easy bolts make flanges easy to access with no wrenches or tools.



5-year Warranty
Expanded 5-year warranty for ease of mind.

Easy Tubing with Easy Fittings

- Pump is easy to snap onto and off of the tubing with Easy Fittings without cutting the tubing.
- Our sheathed tubing is available cut-to-length and individually labeled, with Easy Fittings factory-installed.



Authorised distributor

In Australia:

For customer service, call 1300-735-292
To email an order, ordersau@thermofisher.com
To order online: thermofisher.com

In New Zealand:

For customer service, call 0800-933-966
To email an order, ordersnz@thermofisher.com
To order online: thermofisher.com

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