

THE PUMP THAT WORKS — EVEN IN EXTREME HEAT

Proven performance up to 250°F (121°C).
More uptime. Less maintenance. Lower total cost.



PROVEN

Field-tested in landfill, remediation, and industrial applications where heat, solids, and harsh chemistry push equipment to failure.

SIMPLE

Designed to be cleaned quickly — not constantly repaired. Fewer tools, fewer adjustments, faster service.

RELIABLE

Longer run times between maintenance events mean less downtime, fewer site visits, and more predictable operation.

BUILT FOR REAL-WORLD CONDITIONS

When pumps operate in high-temperature environments, failure isn't gradual — it's frequent and disruptive.

AP4 CLASSIC HI-TEMP is engineered to handle:

- Elevated fluid temperatures up to 250°F (121°C)
- Solids-laden leachate and condensate
- Corrosive fluids including fuels, BTEX, and MTBE
- Demanding field conditions with limited maintenance access

REDUCE MAINTENANCE EVENTS — NOT JUST COSTS

- Fewer cleanings per year
- Reduced labor hours per pump
- Less unplanned downtime
- Longer operational lifespan

If your pumps require frequent cleaning or replacement, switching to AP4 CLASSIC HI-TEMP can significantly reduce operating costs over time.

IDEAL APPLICATIONS

- Landfill leachate and condensate systems
- High-temperature remediation wells
- Industrial process and wastewater systems
- Harsh fluid environments with solids and chemical exposure



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** Pump fittings sold separately*

AP4 CLASSIC HI-TEMP



New welded lever pin
superior over the
individual press
fit pins.

COMPLETE HIGH-TEMP SYSTEM

AP4 CLASSIC *HI-TEMP* is part of a complete system solution, including:

- High-temperature Red-Line tubing
- Chemically resistant materials
- Full range of compatible fittings and accessories

Designed to perform together — reducing compatibility issues and simplifying system setup.

AP4 CLASSIC PLATFORM

AP4 CLASSIC *HI-TEMP* is part of the AP4 CLASSIC Series — the industry benchmark for:

- Proven reliability in harsh environments
- Simplified ownership and maintenance
- Superior lifetime value

Choosing the Right Pump

<u>Application Need</u>	<u>Recommended Solution</u>
Standard harsh conditions	AP4 CLASSIC <i>ULTRA</i>
High-temperature environments	AP4 CLASSIC <i>HI-TEMP</i>
Extreme solids / fouling	AP4 CLASSIC <i>XTREME</i>
Controlled flow / system protection	AP4 CLASSIC <i>LTD.</i>

QED Environmental Systems Inc.
2355 Bishop Circle West Dexter, MI 48130, USA

 info@qedenv.com

 800.624.2026
734.995.2547

WHAT MAKES IT DIFFERENT

LONGER RUNTIME

Non-stick finishes and electropolished surfaces reduce solids buildup — extending service intervals and cutting cleaning frequency.

SOLIDS HANDLING

Internal clearances up to 3X greater than conventional pumps allow solids to pass through without frequent shutdowns.

FASTER CLEANING

Most service events require only a simple rinse and light wipe — reducing labor time and technician exposure.

HIGH-TEMP DURABILITY

Specialized materials and construction extend pump life in extreme temperature environments where standard pumps fail.

AP4 CLASSIC High-Temperature				
Model Number	303276C	303276CX	303277C	303312CX
Inlet Location	Bottom	Bottom	Bottom	Bottom
Diameter	3.6 in. (9.1 cm) OD	3.6 in. (9.1 cm)	3.6 in. (9.1 cm)	4.6 in. (11.7 cm)
Length	39.3 in. (100 cm)	39.6 in. (100.6 cm)	51.6 in. (131.1 cm)	39.7 in. (100.8 cm)
Maximum Flow	13 gpm (49 Lpm)	13 gpm (49.2 lpm)	14 gpm (53	13 gpm (49.2 lpm)
Maximum Depth	250 ft. (76 m)	250 ft. (76 m)	250 ft. (76 m)	250 ft. (76 m)
Actuation Level	26.7 in. (68 cm)	26.7 in (67.8 cm)	38.4 in (97.5 cm)	26.7 in (67.8 cm)
Pump Volume / Cycle	0.22- 0.36 gal (.83- 1.36L)	0.22- 0.36 gal (0.83- 1.36 L)	0.58- 0.78 gal (2.2- 3.0 L)	0.45- 0.55 gal (1.7- 2.08 L)
Air Pressure Range	5- 120 psi (0.4- 8.4 kg/cm ²)	5- 120 psi (0.4- 8.4 kg/cm ²)	5- 120 psi (0.4- 8.4 kg/cm ²)	5- 120 psi (0.4- 8.4 kg/cm ²)
Air Usage	0.4- 1.1 scf/gal. (3.0- 8.5 liter of air/fluid liter)	0.4- 1.1 scf / gal (3.0- 8.5 Liters of air / Fluid Liter)	0.4- 1.1 scf / gal (3.0- 8.5 Liters of air / Fluid Liter)	0.4- 1.1 scf / gal (3.0- 8.5 Liters of air / Fluid Liter)
Min. Liquid Density	0.7 SpG (0.7 g/cm ³)	0.7 SpG (0.7 g/cm ³)	0.7 SpG (0.7 g/cm ³)	0.7 SpG (0.7 g/cm ³)

CONSTRUCTION MATERIALS

- Pump Body: 316 Stainless Steel
- Pump Ends: 316 Stainless Steel
- Internal Components: 316 Stainless Steel, PVDF, Teflon, proprietary high-temp materials
- Tube Fittings: 316 Stainless Steel
- Fitting Types: Barbs, Quick Connects, Easy Fittings

TUBING OPTIONS

- Red-Line High Temp Polymer
- Liquid Discharge: 1 in. (25 mm) or 1-1/4 in. (32 mm) OD
- Air Supply: 1/2 in. (13 mm) OD
- Air Exhaust: 5/8 in. (16 mm) OD

Nitrile Tubing

- Liquid Discharge: 3/4 in. (19 mm) or 1 in. (25 mm) ID
- Air Supply: 3/8 in. (9.5 mm) ID
- Air Exhaust: 1/2 in. (13 mm) ID

All models are designed for severe conditions.

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