AP2T

AutoPump®

Top Inlet, Short

Max. Flow	**1.6 gpm (6 lpm)**
O.D.	**1.75 in. (4.45 cm)**
Length	**35 in. (89 cm)**

Description

The AP2 Top Inlet Short AutoPump provides maximum capabilities and flow in a top inlet pump for 2" (50 mm) diameter wells having shorter water columns and/or the need to pump down to lower water levels, compared to full-length pumps. It is designed for applications requiring an elevated inlet, such as pumping total fluids from wells contaminated with LNAPLs. It is offered in optional versions to handle even the most severe remediation and landfill pumping applications, and delivers flow rates up to 1.6 gpm (6 lpm). The AP2 Long Bottom Inlet AutoPump is complemented by the most comprehensive selection of accessories to provide a complete system to meet site-specific requirements. Call QED for prompt, no-obligation assistance on your pumping project needs.

The AutoPump Heritage

The AP2 Top Inlet Short AutoPump is part of the famous AutoPump family of original automatic air-powered pumps, developed in the mid 1980s specifically to handle unique pumping needs at remediation and landfill sites. Over the years they've proven their durability at thousands of sites worldwide. AutoPumps are designed to handle difficult pumping challenges that other pumps can't, such as solvents, suspended solids, corrosives, temperature extremes, viscous fluids and frequent start/stop cycles. Beyond just the pump, AutoPump systems offer the most complete range of tubing, hose, connectors, caps and accessories to help your installation go smoothly. This superior pumping heritage, application experience and support back up every AutoPump you put to work on your project.

Advantages

1. **The original 2" automatic air-powered well pump, proven worldwide over 15 years**
2. **The industry leader in reliability, durability, flow rate and depth capability in an automatic pump for 2-inch wells**
3. **Handles solids, hyrocarbons, solvents, corrosive conditions, viscous fluids and landfill liquids**
4. **One-year warranty**

QED Environmental Systems

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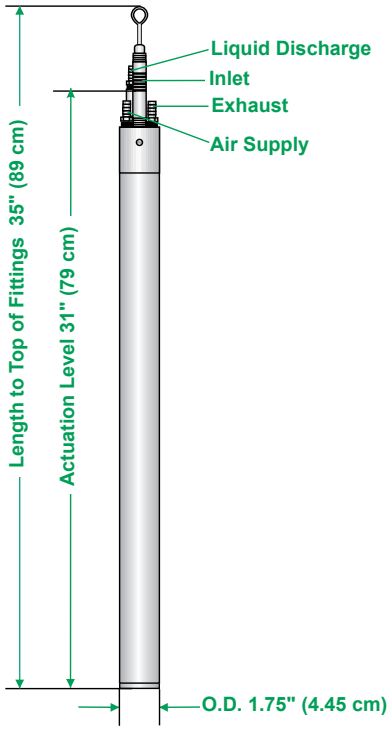
Pump Dimensions



Specifications & Operating Requirements

Model	**2" - Short AP2 Top Inlet**
Liquid Inlet Location	Top
OD	1.75 in. (4.45 cm)
Length Overall (pump & fittings)	35 in. (89 cm)
Weight	5.7 lbs (2.6 kg)
Max. Flow Rate	1.6 gpm (6.0 lpm)
Pump Volume / Cycle	.05 - .08 gal (.19 - .30 l)
Max. Depth	300 ft (91.4 m)
Air Pressure Range	5 - 130 psi (0.4 - 9.2 kg/cm2)
Min. Actuation Level	31 in. (78.7 cm)
Air Usage	0.39 - 2.59 scf/gal (2.9 - 19.3 liters/fluid liter)
	See Air Usage Chart
Min. Liquid Density	0.7 SpG (0.7 g/cm3)
Standard Construction Materials[1]	
Pump Body	Stainless Steel
Pump Ends	Stainless Steel
Internal Components	Stainless Steel, Viton, PVDF[3]
Tube & Hose Fittings	Brass or Stainless Steel
Fitting Type	Barbs or Quick Connects
Tube & Hose Options	
Tubing Material	Nylon
Sizes[2] - Liquid Discharge	5/8 in. (16 mm) OD
Pump Air Supply	3/8 in. (9.5 mm) OD
Air Exhaust	1/2 in. (13 mm) OD
Hose Material	Nitrile
Sizes - Liquid Discharge	1/2 in. (13 mm) ID
Pump Air Supply	1/4 in (6.4 mm) ID
Air Exhaust	3/8 in. (9.5 mm) ID

[1] Material upgrages available
[2] Applies to QED supplied tubing; other tubing sources may not conform to QED fittings.
[3] PVDF - Polyvinylidene Fluoride

Application Limits (base model)

Base model AP2 AutoPumps are designed to handle the application ranges described below. For applications outside this range, consult QED about AP2 upgrades.

Maximum Temperature: 150˚F (65˚C)
pH Range: 4-9
Solvents and Fuels: diesel, gasoline, JP1-JP6, #2 heating oils, BTEX, MTBE, landfill liquids

AP2 AutoPumps are warranted for one (1) year: 100% materials and workmanship.

2355 Bishop Circle West Dexter, MI 48130 USA **1.800.624.2026** **F 1.734.995.1170** info@qedenv.com www.qedenv.com

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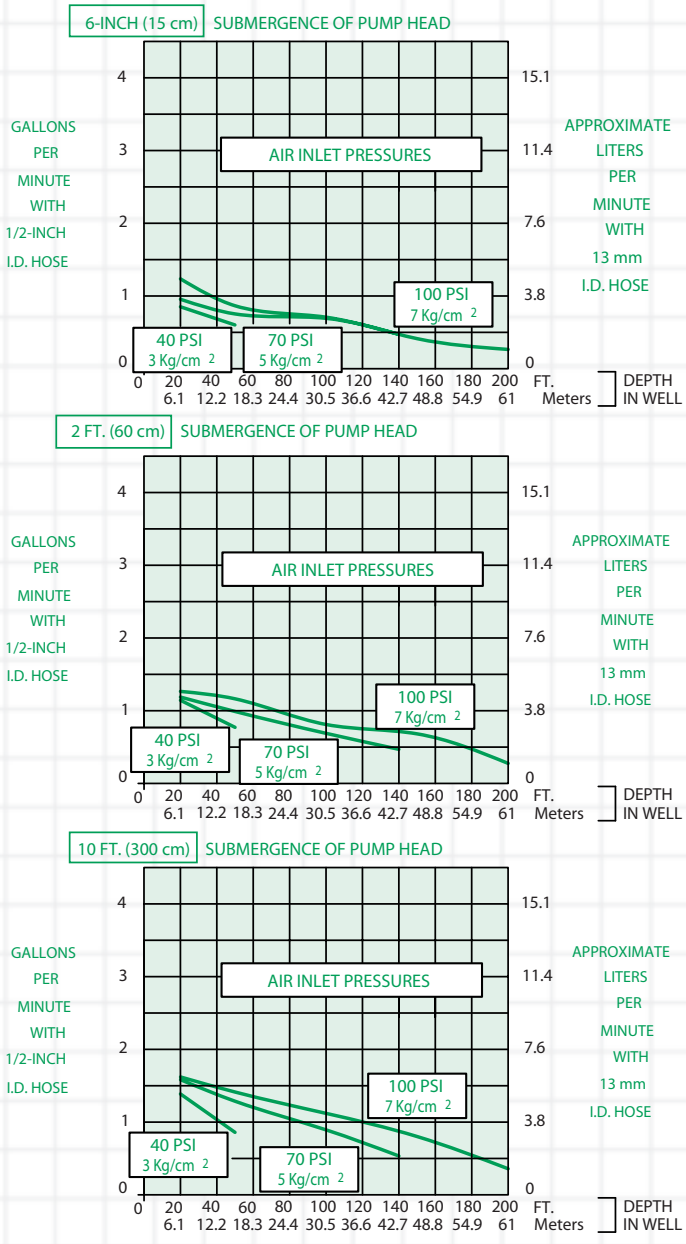
Flow Rates[1]

1/2 inch (13 mm)
Inside Diameter Discharge Hose
(Equivalent to 5/8-Inch O.D. Tubing)



[1] FLOW RATES MAY VARY WITH SITE CONDITIONS. CALL QED FOR TECHNICAL ASSISTANCE.

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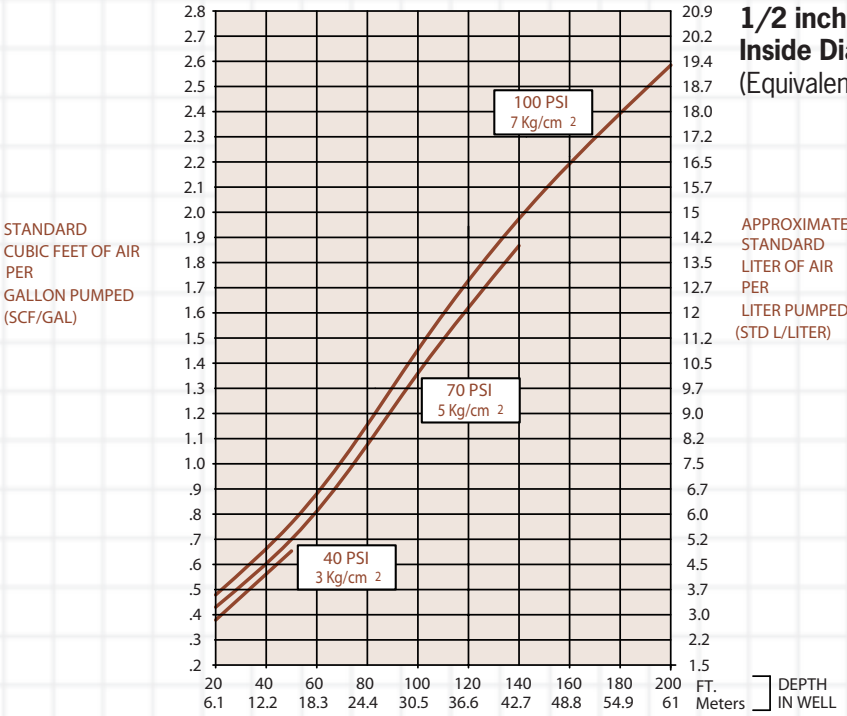
Air Consumption



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