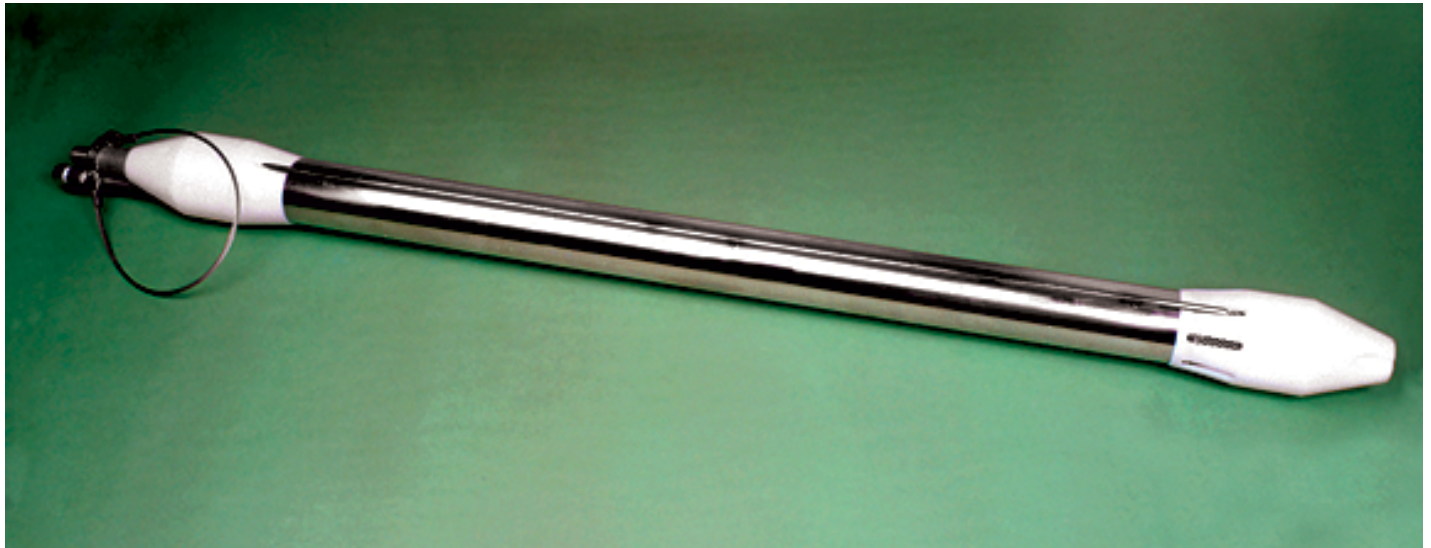


# Slider™ Pump

*High Flow in angled wells or landfill risers*



The increased availability of special drilling equipment has caused more landfills and cleanup projects to appreciate the unique advantages of low-angle (slanted) wells or risers where conventional vertical wells are inefficient or impossible to use.

Sloped landfill risers for leachate allow wellhead installations and other equipment to be placed outside landfill cells, not in the middle of them. This protects headers and other equipment and facilitates normal landfill operations. Cleanup projects can also benefit. Narrow water or product layers can often be more efficiently intercepted by a slant well. Inaccessible contaminant plumes under buildings or sensitive areas can be reached; the technique is also a cost-cutting alternative to trenches for capturing widespread floating layers.

However, slant wells are useless without the right pumps -- and typical electric submersible or pneumatic pumps don't operate effectively in low-angle installations.

QED Slider™ pumps provide the answer. They have proprietary angle-independent valves to operate on any angle and can deliver reliable flow rates up to 9.5 GPM/13,680 GPD (35.9 LPM / 51.7 m3/day) in 5" (125 mm) and larger wells. They can also be modified to fit 4" (100 mm) wells. They are especially suited for tough landfill duty, providing excellent resistance to sediment clogging and solvent attack. Slider pumps are operated by QED's standard controller modules.

## QED Leads the Way...

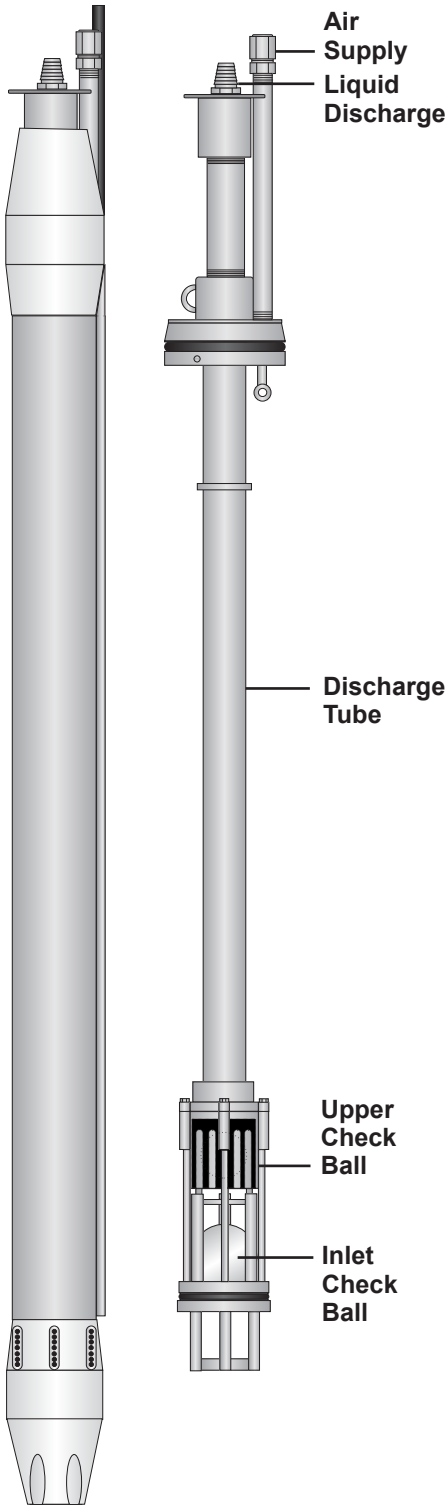
- 100% air-powered operation.
- Operates in angled wells or risers.
- Flows up to 13,680 G.P.D. (51.7 m3/day).
- Tapered ends make installation easy.
- Explosion Proof.
- Can Pump Dry Without Affecting the Pump.
- Highly Chemical Resistant.



Leaders in Environmental Compliance Products

P.O. Box 3726 Ann Arbor, MI 48106-3726 USA  
 1-800-624-2026 FAX (734) 995-1170  
 info@qedenv.com www.qedenv.com

# SPECIFICATIONS



<b>Pump Type:</b>	Angle-Independent Positive Air Displacement
<b>Dimensions:</b>	Outside Diameter = 4.5" (11.4 cm) Length = 69" (175 cm) Weight = 30 lbs. (13.6 kg)
<b>Materials:</b>	Stainless Steel, Teflon, Acetal
<b>Fittings:</b>	Discharge = Stainless Steel Barb Type Air Supply = Stainless Steel Compression Type
<b>Tubing:</b>	Discharge Size = 1-1/4" (32 mm) O.D. Air Supply Size = 5/8" (16 mm) O.D.
<b>Maximum Pump Stroke:</b>	1.3 Gallons (5 liters)
<b>Operating Pressure Range:</b>	0-100 P.S.I (0-700 kPa).
<b>Maximum Lift:</b>	200 Feet (62 meters)
<b>Maximum Flow Rate:</b>	9.5 GPM/36 LPM (13,680 GPD/51,800 LPD)
<b>Cap Sizes:</b>	4" (150 mm) and up
<b>ACCESSORIES:</b>	<b>9999*</b> Well Cap <b>38325</b> Exhaust Valve <b>37681</b> 5/8" (16 mm) O.D. Nylon Air Supply Tubing <b>37014</b> 1-1/4" (32 mm) O.D. Nylon Discharge Tubing <b>37060**</b> Cable 3/16" (5 mm) Stainless Steel

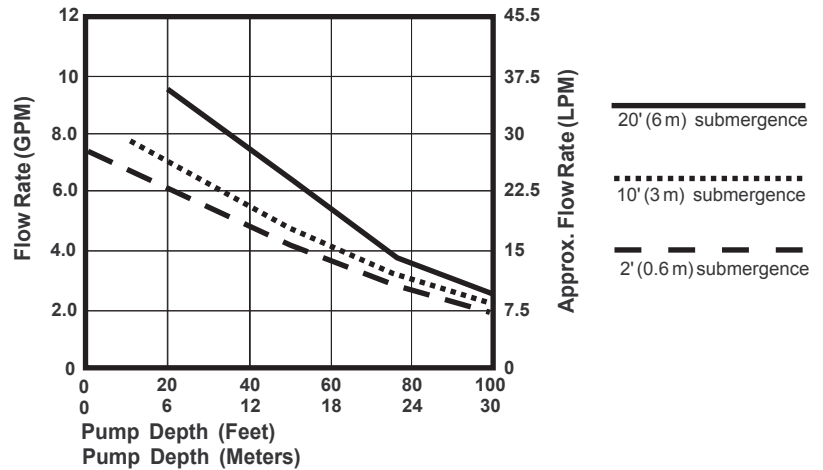
\*Contact QED to determine correct sizes.

\*\*Note: Slider pump includes Sling assembly for cable attachment.

## Pump Flow Rates at 100 P.S.I. (6.89 Bar) on a 3:1 Slope

**Air Consumption:** 7 S.C.F.M. (12 m3/h) At 100 P.S.I.G. (6.89 bar)

**Note:** Flow rates will be greatly reduced as the pump orientation approaches horizontal. The Standard Slider is not recommended for horizontal use but can be modified for horizontal pumping.



## Multi-Mode Controller

The model C100 Digital Controller is solar-powered and provides advanced operational capabilities at an economical price.

Tank-full shut-off for the collection tank is a safe, simple and inexpensive add-on to the C100, as an optional level control function

The C100 includes both a highly effective solar power system and a conventional AC power supply. Under solar powered operation, the C100 is CSA rated as intrinsically safe.

**In Australia:**

For customer service, call 1300-735-292  
To email an order, [ordersau@thermofisher.com](mailto:ordersau@thermofisher.com)  
To order online: [thermofisher.com](http://thermofisher.com)

**In New Zealand:**

For customer service, call 0800-933-966  
To email an order, [ordersnz@thermofisher.com](mailto:ordersnz@thermofisher.com)  
To order online: [thermofisher.com](http://thermofisher.com)