Bladder Pumps

Geotech Environmental Equipment, Inc.
Groundwater Sampling

Together with the USGS, Geotech designed the original bladder pump for groundwater quality and pollution monitoring. Geotech Bladder Pumps can pump from as deep as 1000 feet (305 meters) with minimal agitation for the best representative samples.

FEATURES

- True low flow capability for less agitation
- Available in PTFE and Polyethylene for all models
- Dedicated or portable turnkey systems
- Robust screened intake extends bladder life
- Optional Drop-Tube assembly available for sampling from greater depths
- Limited lifetime warranty on dedicated stain-less steel systems
- Compatible with the Geocontrol PRO and BP Controller units

BLADDER PUMP MODELS

A. 1.66" x 36" (4 cm, 91 cm) Made from SS for maximum durability. Highest volume rate for a low flow pump. For 2" (5 cm) wells or larger. Available in High Pressure and Low Pressure models to meet site specific requirements.

B. 1.66" x 18" (4 cm, 46 cm) The same as above but for lower pump volume requirements.

C. .850" x 18" (2.2 cm, 46 cm) Made from high-grade SS for maximum durability. Extra slim design provides excellent performance for its size.

D. .675" x 18" (1.7 cm, 46 cm) Our smallest bladder pump, fits in any well .75" (1.9 cm) or larger. Made with the same polished stainless steel as our other top-of-the-line pumps.

*ash = above static head

Technical Specifications				
	1.66" x 36"	**1.66" x 18"**	**.850" x 18"**	**.675" x 18"**
Pump Housing	316 SS			
Bladder Material	Virign PE or PTFE			
O.D.	1.66" (4.2 cm)		.850" (2.2 cm)	.675" (1.7 cm)
Length w/ Screen	38" (96.5 cm)	20" (51 cm)	18 5/8" (47.3 cm)	18 3/4" (47.6 cm)
Weight	5.5 lbs (2.5 kg)	3.5 lbs. (1.6 kg)	1.1 lbs. (.5 kg)	.83 lbs. (.4 kg)
Volume/Cycle	22 oz. (650 ml)	11 oz. (325 ml)	.9 oz. (29 ml)	.5 oz. (15 ml)
Min. Well I.D.	2" (50 mm)		1.00" (2.5 mm)	.75" (1.9 mm)
Operating Pressure Low Pressure BP: High Pressure BP:	10-125 psi (.7-8.6 bar) 10-500 psi (.7-34 bar)		100 psi (6.9 bar) N/A	
Min. Operating Pressure	5 psi (.3 bar) ash*			
Maximum Depth Low Pressure BP: High Pressure BP:	290' (88 m) 1000' (305 m)		200' (61 m) N/A	
Air Line (ID x OD) Low Pressure BP: High Pressure BP:	.17" x .25" (4 mm x 6 mm) .25" x .375" (6 mm x 10 mm)		.17" x .25" (4 mm x 6 mm) N/A	
Discharge Line (ID x OD)	.25" x .375" (6mm x10 mm)		.17" x .25" (4 mm x 6 mm)	

Request Information