

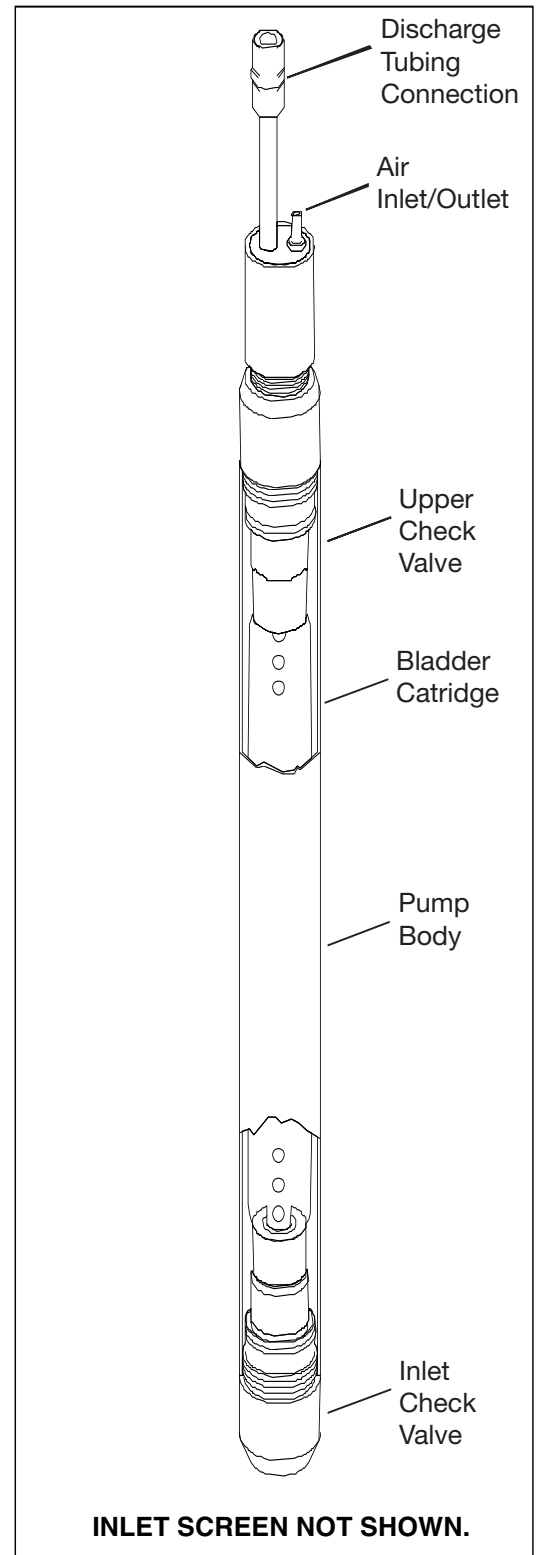
GeoPump

Ground Water Pumping Solutions

5600 SERIES BLADDER PUMPS

Available in a wide range of sizes and capacities to meet virtually any pumping situation, GeoPump 5600 Series Bladder Pumps meet all EPA requirements for representative ground water monitoring in both portable and dedicated situations.

- Available in pump diameters for 1.5" (38.1 mm) and larger wells.
- Pumping rates up to 2.5 gpm (9.5 lpm) @ 25 ft. (7.62 m) in a 2" (51 mm) well...large air and water porting enables faster pump/fill cycles; larger bladder than conventional bladder pumps permits more volume pumped per cycle.
- EPA recommended materials including Type 316 Stainless Steel and Teflon® or PVC and Teflon®.
- Large water discharge porting (.375 inch) reduces pressure gradients between the bladder and discharge tubing, lessening the potential for orifice outgassing that can compromise dissolved gas and VOC samples.
- Factory sealed, field replaceable, Teflon® bladder cartridges slip into place, without tools or clamps. Lifetime guarantee on all dedicated components.
- Withstands dry pumping.
- Threaded pump intakes permit the use of intake drop tube extensions, booster pump applications, and other unique configurations.
- Slotted intake screens help protect bladders from sand.
- Contaminant-free certification - all pumps are cleaned, lab tested and individually sealed in polyethylene bags.



• **GeoPump, Inc.** • 213 State Street • Medina, NY 14103 • www.geopump.com •
• Toll Free 877-Geo-Pump • 585-798-6666 Outside USA • 585-798-0175 Fax •

5600 SERIES BLADDER PUMPS

DESIGN SPECIFICATIONS

MODEL	MATERIAL	O.D. (in./mm.)	LENGTH (in./cm.)	WEIGHT (lbs./kg.)	CAPACITY (ml.)	LIFT (ft./m.)
5605	S.S./Teflon	1.38/35	43/109	5.0/2.3	400	400/121
5609	S.S./Teflon	1.38/35	30/76	3.5/1.6	225	400/121
5615	S.S./Teflon	1.66/42	43/109	6.8/3.1	550	400/121
5625	PVC/Teflon	1.66/42	43/109	3.2/1.5	400	400/121
5635	PVC/Teflon	1.90/48	43/109	3.7/1.7	550	400/121

SUPPORT EQUIPMENT OPTIONS

- Models 5001/5100 (electric), 5940 (pneumatic), or 5510 (programmable) Controllers.
- Models 5404 Oil-less Compressor, 5401 (compressor on 20" wheeled cart), or 5420 (compressor with 16" pneumatic wheels).

BONDED, TWIN TUBING OPTIONS

MODEL	MATERIAL	AIR TUBE I.D. x O.D. (in)	WATER TUBE I.D. x O.D. (in)
5896	Polyethylene	.250 x .375	.375 x .500
5897	Teflon lined PE	.250 x .375	.375 x .500

ENGINEERING SPECIFICATIONS

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| <ol style="list-style-type: none"> 1. The pump shall be a positive displacement bladder squeeze pump, where drive air does not contact the sample. 2. The pump shall permit water to enter the interior of the bladder through a bottom check valve and permit air to enter the annulus between the pump body and bladder through an upper air inlet/outlet. 3. The pump shall not fill by suction assist, or place a negative pressure on the sample. 4. All internal pump components shall be virgin Teflon®. 5. The pump shall incorporate a field replaceable, factory sealed and tested, Teflon® bladder cartridge. 6. The pump shall withstand continuous operation at 200 psi (14 bars) without modification. | <ol style="list-style-type: none"> 7. The pump shall be capable of dry pumping without damage. 8. The pump shall have minimum .375 water discharge porting, without restrictions, to eliminate dissolved gas loss due to orifice effects during sampling. 9. The pump shall have a threaded intake (3/4" female pipe thread) to permit use of a drop tube extension, booster pumps, and factory equipped, .010" intake screen. 10. The pump shall be convertible to a bailer or gas drive pump. |
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Note: Teflon is a registered trademark of E.I. duPont.

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