

GeoPump

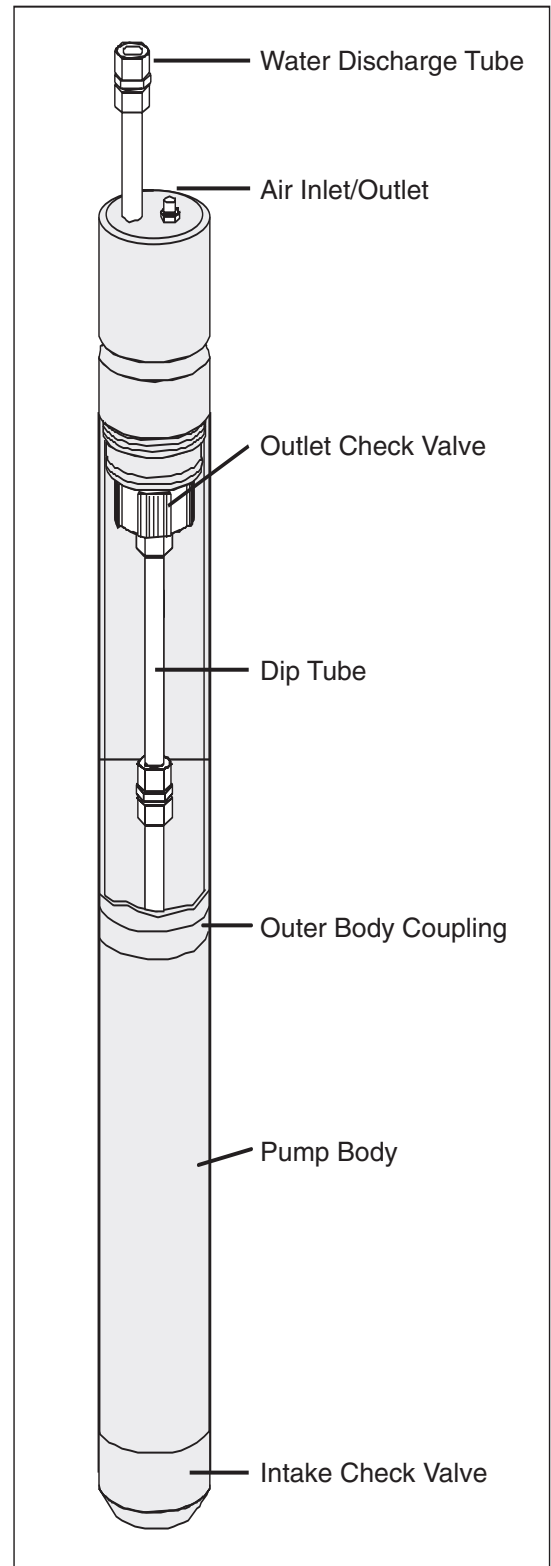
Ground Water Pumping Solutions

WELL PURGING/DEVELOPMENT PUMPS

GeoPump purge pumps are often added to the basic dedicated bladder pump system to increase the purging flow rate and decrease field time. Purge pumps offer flow rates up to 3.5 times higher than a conventional bladder pump alone which significantly reduces field costs over the life of a monitoring program.

When used portably and fitted with development swabs, the pump can be surged within the well to dissolve the mud cake around the screened area.

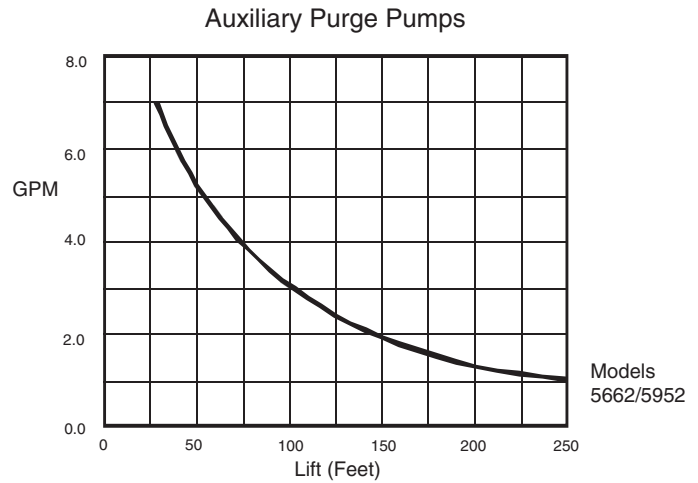
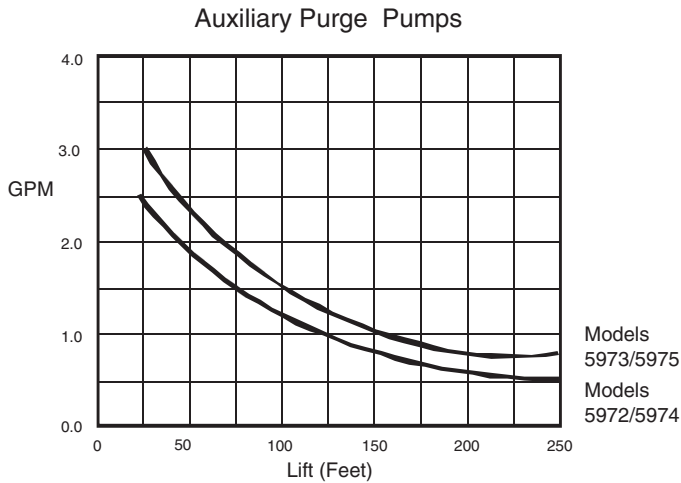
- Pump diameters available for wells as small as 1.5".
- Purge rates up to 7.5 gpm using the standard GeoPump cycle controller and compressor.
- EPA recommended material options including PVC and Type 316 Stainless Steel/Teflon®
- Only two moving parts for long, reliable service.
- Excellent solids handling...pumps a 30% sand slurry without damage.
- Withstands dry pumping.
- Threaded pump intake permits use of intake drop tube extensions, booster pump applications and other unique configurations.
- Field convertible to bladder squeeze pump or hand bailer, without tools. (All models except 5952 and 5662.)
- Contaminant-free certification - all pumps are cleaned, laboratory tested and individually sealed in polyethylene bags.
- Lifetime Warranty on all dedicated components. (One year on portable pumps.)



• **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 •

WELL PURGING/DEVELOPMENT PUMPS

PERFORMANCE CURVES



DESIGN SPECIFICATIONS

MODEL #	MATERIAL	DIAMETER (IN/CM)	LENGTH (IN/CM)	CAPACITY (Gal/L)	WEIGHT (lbs./kg)
5972	S.S./Teflon	1.38/3.5	81/206	.4/1.5	7.0/3.2
5973	S.S./Teflon	1.66/4.2	81/206	.6/2.3	9.4/4.3
5952	S.S./Teflon	2.88/7.3	56/142	1.0/3.8	12.5/5.7
5974	PVC/Teflon	1.66/4.2	81/206	.5/1.9	3.4/1.5
5975	PVC/Teflon	1.90/4.8	81/206	.65/2.5	6.5/2.95
5662	PVC/Teflon	2.88/7.3	60/152	1.0/3.8	6.0/2.7

ENGINEERING SPECIFICATIONS

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| <ol style="list-style-type: none"> 1. The pump shall be capable of fitting into 1.5" and larger wells. 2. The pump shall utilize Teflon intake and discharge check balls. 3. The pump shall be a positive displacement gas-drive pump, whereby a compressed air charge displaces the water contained within the interior of the pump, forcing it up through the discharge tubing to the top of the well casing. 4. The pump shall be capable of pumping dry | <p style="margin-left: 20px;">without damage. It shall also be capable of pumping sand, silt, etc., without damage.</p> <ol style="list-style-type: none"> 5. The pump shall be capable of lifting from 400 feet (122 m), with the application of 200 psi (14 bars) air pressure, without modification. 6. Pump Models 5974, 5975, and 5662 shall be constructed of NSF-PW rated PVC and Teflon.® 7. Models 5972, 5973, and 5952 shall be constructed of Type 316 Stainless Steel and Teflon.® |
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