

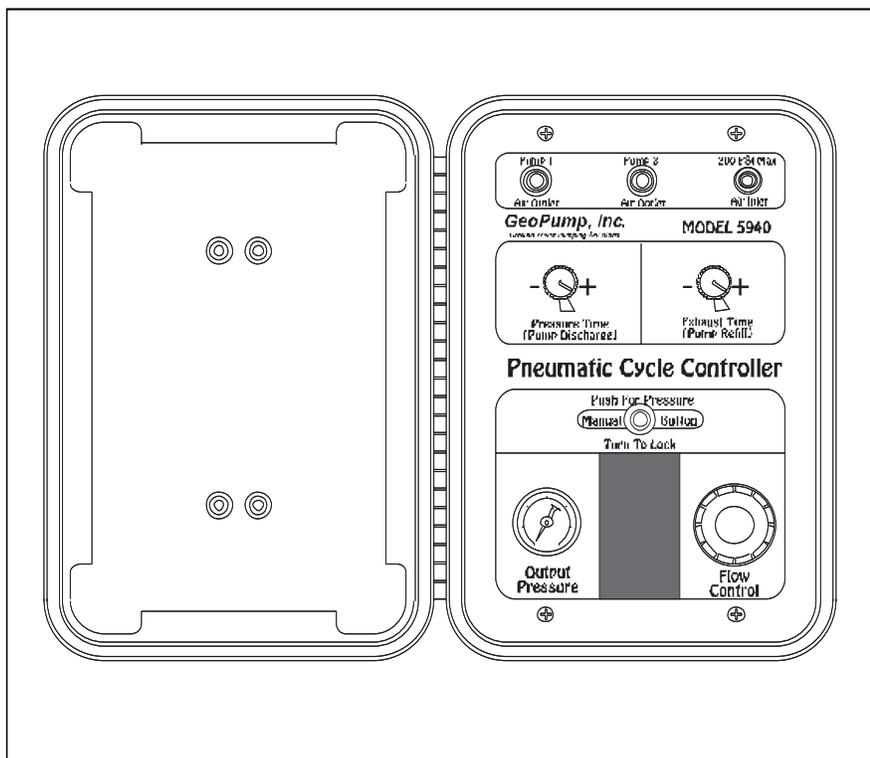
# GeoPump

Ground Water Pumping Solutions

## FULLY PNEUMATIC AUTOMATIC PUMP CYCLE CONTROLLER

GeoPump Cycle Controllers manage the compressed air used to power pneumatic pumps. They are designed with large air paths so as not to restrict the air flow as it moves from the compressed air source to the pump.

- Fine tuning, single rotation timer adjustment provides optimum pump flow rate.
- Sensitive air flow control permits high purging rates and low (less than 100ml/min.) sample rates.
- 200 psi pressure capability allows lifts up to 450 feet (135 m).
- Quick exhaust valve "short circuits" exhausting air, permits the pump to fill faster for higher purging flow rates.
- Non-corroding, quick-connect hose attachments.
- Over pressure protection.
- Manual override bypasses the timers for manual operation (used for "cold weather blow outs", packer inflation, etc.).
- Moisture trap/air filter prevents water and particulate matter from entering controller, tubing and pump.
- Enclosed in a rugged, environmentally sealed, shock resistant case.
- Doubling acting feature permits operation of two pumps. (Note: Requires additional air hose from controller to pump. Part number 50090.)



### Design Specifications

**Model#:** 5940

**Weight:** 12 lbs.

**Dimensions:** 14.5" L x 10" D x 9" W

**Timer Range:** Fill = 1 to 180 seconds. Discharge = 1 to 60 seconds. Independently adjustable.

**Pressure Capability:** 200 psi.

**Power Source:** Compressed air.

**Air Hose:** .375" I.D. reinforced, industrial air hose. Compressed air source to controller hose length is 25 ft. and includes quick-connect fittings. Controller to pump hose length is 10 ft. and includes quick-exhaust valve and quick-connect fittings. (Optional lengths available upon request).

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

# FULLY PNEUMATIC AUTOMATIC PUMP CYCLE CONTROLLER

## ENGINEERING SPECIFICATIONS

1. The Model 5940 Controller shall be housed in a gasketed case with a continuous hinged top.
2. The controller shall be fully pneumatic, powered only by compressed air.
3. The controller shall be equipped with a flow rate control capable of reducing the pump flow to less than 100 ml/min. throughout the entire lift range.
4. The controller shall incorporate a panel mounted, liquid dampened pressure gauge.
5. The controller shall incorporate separate fill and discharge timers that are independently adjustable.
6. The controller shall be capable of operating either one or two pumps. Two pump operation shall be accomplished by alternately pressurizing and venting each pump independently, from the controller panel, without the use of a manifold.
7. The controller shall be supplied with: 25 feet of 3/8" I.D., reinforced, industrial air hose with quick-connect fittings for use between the compressed air source and controller; and 10 feet of identical air hose with quick exhaust valve and quick-connect fittings for use between controller and pump tubing.
8. The controller shall be capable of cycling up to 200 psi (14 bars) without modification.
9. The controller shall be equipped with a pressure relief valve to serve as over pressure protection.
10. The controller shall be equipped with a mechanical manual override that bypasses the timers and provides for manual cycling of the compressed air.
11. The controller shall be equipped with a detachable external water trap/air filter.

Available for rent with  
daily, weekly or monthly  
rates. Call for availability.

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