



AC CONTROLLER INSTRUCTIONS AND PUMP MAINTENANCE

BASIC OPERATION

- Verify main power switch is in OFF position.
- Plug power cord into controller.
- Plug power cord into AC supply outlet.
- Switch main power to ON position.
- Wait for initialization sequence to complete.

- From main menu:

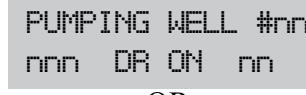


- Press to start the pump at default settings.

- Wait for pump start up to finish.



- Press or to adjust pump speed to achieve desired flow rate.



- Pump water at desired pump speed.

- Press to stop pump and return to main menu.

SETTING DRY RUN

NOTE: Set point must be above 100 for Dry Run protection to be activated

- Press to toggle Dry Run ON and OFF

**FOR MAINTENANCE AND SERVICE PLEASE CALL
GEOTECH DIRECTLY AT 1-800-833-7958**

NOTE: LOADING WELL #0 WILL LOAD DEFAULT START UP CONFIGURATION

DIS-ASSEMBLY AND CLEANING

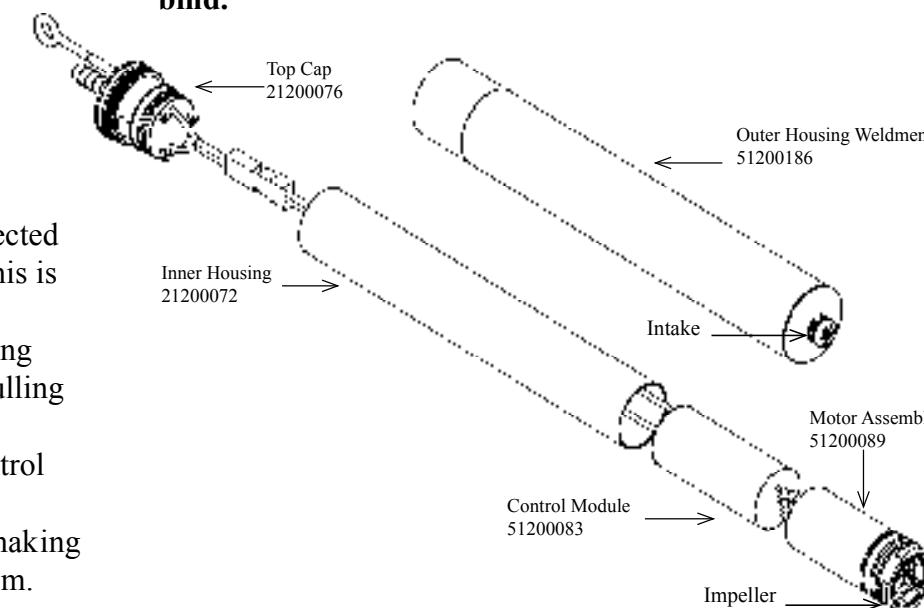
- Disconnect pump cable from controller.
- Unscrew outer housing (No tools needed).



- Remove inner housing by pulling apart, slightly twisting while pulling may help.
- The control module may become disconnected from the motor lead while pulling apart, this is normal.
- Remove motor assembly from inner housing by pulling apart, slightly twisting while pulling may help.
- Inspect motor assembly, impeller, and control module for damage or wear.
- Inspect internal wires for cuts or breaks, making sure all wires have insulation covering them.
- Inspect all o-rings for nicks, cuts, brittleness.
- Decontaminate outer and inner housing.
- Decontaminate the motor assembly and control module.
- Decontaminate top cap and hose barb.
- Clean all threads thoroughly to make sure nothing will bind them.
- Insert motor assembly back into inner housing, **be careful not to damage O-rings.**
- Connect control module wires back onto motor lead.

Note: A very small amount of inert grease may be used to help lubricate O-ring seals.

- Twist the motor assembly and inner housing assembly 180 degrees, twisting the wires to create more room.
- Push the inner housing over the top cap, **be careful not to damage O-rings.**
- Install the outer housing **making sure the threads do not bind.**



PARTS

| PARTS | PART # |
|-------------------------------------|----------|
| 1. AC CONTROLLER 300 WATT 120 volts | 81200031 |
| 2. AC CONTROLLER 300 WATT 230 volts | 81200032 |
| 3. FUSE | 11200746 |
| 4. MANUAL | 11200813 |
| 5. GOLD CONNECTORS & HEAT SHRINK | 11200754 |
| 6. O-RING KIT | 51200088 |
| 7. CHECK VALVE | 81200033 |