

**8. When all connections have been completed, safety check completed, valves in proper operating position, and system fully leak tested, you may remove the pressure switch cover. Start pump and allow pressure to build in system. (All air must be removed from the suction line or pump will not operate properly.) Set pump control pressure switch as follows:**

- A. Adjustments are made via the large black “finger” wheel. (Smaller wheel will adjust the differential pressure between on and off points only.) Your system remote location design and discharge rate flow points should be your guide, for pump on and off settings.**
- B. With pump running at churn level slowly reduce the pressure setting by turning wheel clockwise until pump shuts off.**
- C. Turn the same large black wheel an additional 1/4 turn, or two clicks, below this shut off point.**
- D. Pump will now turn on automatically as a point approximately 15 psi below this final shut off pressure setting.**
- E. Running water through your inspectors test valve, cycle pump on and off several times to double check settings. Adjust as necessary to meet system demand per above procedure.**

9. Note that the pump controller is factory equipped with a 120 second run delay timer that will prevent the pump from “shortcycling”.

10. If your piping systems includes runs in an attic, garage, crawl space, etc. We suggest the installation of a small expansion tank on the system piping, such as diaphragm equipped “Extrol” unit, to absorb some of the thermal expansion of the trapped water.