AQUAtrol FAQ.

1. What is AQUAtrol?
   AQUAtrol is a fully Automatic Pumpset Controller.
2. What are it's functions?
   The AQUAtrol works on a Microcontroller platform. It continuously reads the status of water levels in Overhead tank, Sump tank and control the Pumpset bas per the builtin Algorithm. The pump is started, when the tanklevel in overhead tank is low and stops it when the level is high. It ensures the availability of water in the Sump, before starting the pump
3. What are Trip functions?
   The AQUAtrol Trips the pumps
   -in the event of a dry pump sense
   -in the event of AC supply below 170 Volts or above 270 Volts
   -when the Sump level is below set low level
4. What are the Trip indications?
   Dry pump Trip: Fast flash of RED LED, with intermittent Beep.
   Voltage Trip: Fast flash of Amper LED, with intermittent Beep.
   Sump Empty Trip: Slow flash of RED LED, with intermittent Beep.
5. Any indication for Power ON and Motor Running?
   Yes. The Power ON is indicated by Green LED and Motor Running is indicated by Amper LED.
6. Can the controller Customised for different applications?
   Yes. The AQUAtrol can be Customised for Sump, Well, Borewell & STP applications.
7. What is the type of sensors used?
   The sensors are SS make, conductivity type. Non contact Echo type Ultrasonic sensors are available as option.
8. How the corrosion is controlled?
   The sensors are Corrosion FREE, using the state of the art special Algorithms and Logics.
9. What is the Power consumption?
   The AQUAtrol operates from 170 to 270 VAC, 50 Hz. Supply. The consumption is less than 3 Watts.
10. Do you have AQUAtrol systems, for use with Reverse Osmosis plants?
    Yes. LEDS can supply system suitable for RO plants.
11. Does it require any calibration during installation?
    No. It doesn't require any calibration.The systems are installed by trained Technicians,deputed by the company.
12. What is the maximum distance between sensor and System?
    The maximum distance shall be 125 meters,for any Sensor.
13. What is the Warranty?
    The Company gives 2 years Warranty for the Product.
14. Does the Warranty cover Natural calamities?
    No.
15. What about Post Warranty services?
    LEDS gives Post Warranty services, at the rates prevailing at the period.

16. What are the applications of AQUAtrol Controllers?

    The AQUAtrol systems can be effectively configured for a variety of Pumpset Control and Protection applications. 6 varients are available,catering to the complete requirements. Also we

take up Need based Customisation. LEDS had supplied systems for Industries,Residences,Flats,Hospitals and Commercial complexes.