

AUTOMATIC WATER LEVEL CONTROLLER



Automats filling of over Head tank

APPLICATION:

Home, Schools, Colleges,
Hospitals and all buildings with
over head tank

WORKING: System comes with a sensor
that monitors two level of water. The upper level

and lower level. User can adjust the level by adjusting the length of cable between weight and float. System switches on the pumping motor as and when water level in the tank falls below the lower level. Water level starts rising in the tank. As water reaches the upper level set by user, motor is switched off.

MONITORING UNDERGROUND WATER LEVEL TO PROTECT MOTOR FROM DRY RUNNING: System is provided with the provision of monitoring the lower level of tank from where water is being pumped to fill over head tank. As and when water level in underground tank drops below lower level set by user, motor is switched off to avoid the dry running of motor.

SENSORS: As shown in picture, sensors are the high grade plastic molded rolling ball float sensors. When sensor is in upright position, ball rolls down to indicate water filled till upper level of the tank. Similarly when sensor is in upside down position, ball rolls to other end giving indication that water level is dropped below lower limit in tank.

MANUAL MODE: User can switch on motor any time by putting the system in manual mode using a switch. This is to water the garden/lawns etc. System will bypass sensors in this mode.

INDICATIONS: LED indications for overhead tank Upper & Lower levels. Underground tank lower level

POWER RATING: Input- 220V AC mains,

Output: 220V AC mains with 10 Amp relay contact for direct connection.

Heavy loads: By adding external contactor or Relay load capacity can be increased to desired Levels like 10 A, 16 A, 25 A, 40 A, 100 A and so on.