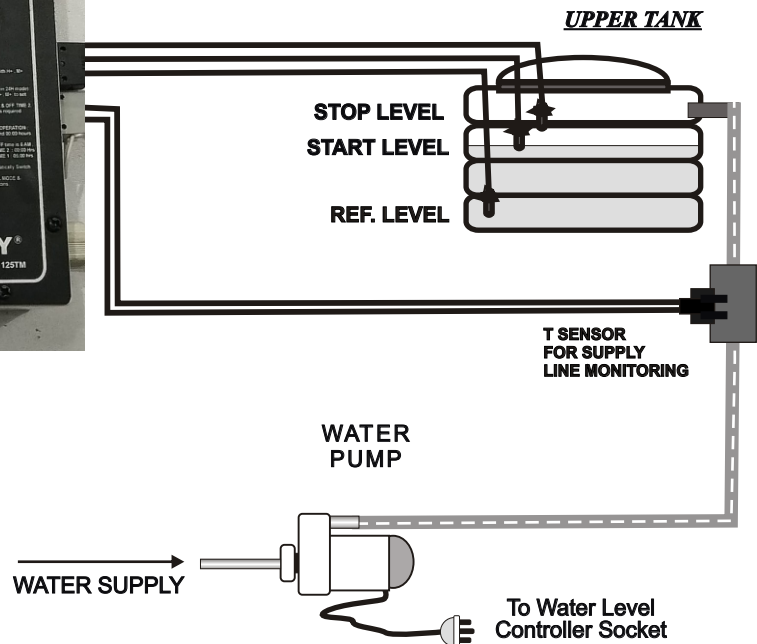


# COSY<sup>®</sup> AUTOMATIC WATER LEVEL CONTROLLER WITH DAILY TIMER

## ENSURE 24 HOURS RUNNING WATER

Model : WLC-1P125TM



**EASY  
INSTALLATION**

**LOW  
MAINTENANCE**

**COMPACT  
ELEGANT DESIGN**

### **EXCLUSIVE FEATURES**

1. Automatic Water Level Controller (AWLC) will automatically START the pump set as soon as the water level falls below the predetermined level (usually set at 2/3rd tank) and shall SWITCH OFF the pump set as soon as upper tank is full or water in the supply line dry.
2. *Built in Indications* for showing Full, Pump On and Inlet Line Dry Indication.  
Glowing INLET DRY LED indicate supply line is dry, PUMP ON indicates tank level is low, green LED indicates that upper tank level is between Full and 2/3rd level.
3. Auto/Manual switch to operate pump manually. Manual Start and Stop buttons can be used to control the motor in both auto and manual mode.
5. Starts pump in beginning for every 1 minute or 5 minutes selectable to detect water in supply line..
6. The AWLC stops overflows or dry running of pump there by *saves electricity and water.*
7. Unique low AC Voltage sensing circuit avoid decrease deposits of salts at electrodes in water (requires very rare cleaning of sensor ends).
8. Consume very little energy, *ideal for continuous operation.*

### **TECHNICAL SPECIFICATIONS**

Supply Voltage : 220V AC, 50Hz, 3 Watts

Relay Contact : 10 Amp.

Sensor ends : Conductive sensors. bare wire ends works as sensors no extra sensors are required.

Use any good quality 3 wires for upper tank connections and 2 core wire for supply line T sensor. Regular cleaning of sensor ends may be required every 3 to 6 months.

Operation : Continuos

Dimension : 9 inches x 6 inches x 2 inches approx.

\* Connect a piece of wire between terminals for **supply line** if water supply is from **bore well** In this case the system will assume that water is always available in lower supply line )

**(Important : System is suitable only for single phase pump sets of maximum 1 H.P. ratings.**

**(Please Note : All parameters & shown design subject to change to accommodate our latest research & development.)**

Manufactured by: **COSYCOM**, (INDIA)

## **TIMER SETTINGS**

### **DAILY CLOCK TIME SETTING :**

**Simultaneously press TIME SET button with H+ , M+ to change the time .**

### **TIMER SETTING :**

**( all time settings are automatically done in 24H mode)**

**Simultaneously press ON TIME 1 with H+ , M+ to set the ON TIME 1 .**

**Similarly set the OFF TIME 1 , ON TIME 2 & OFF TIME 2.**

**If only one ON TIME & one OFF TIME is required then set both ON / OFF times same .**

### **SETTING THE TIMER FOR OVERNIGHT OPERATION :**

**If timer has to switch off the relay beyond 00:00 hours at midnight then set timer as below :**

**e.g the required ON time is 9 PM and OFF time is 6 AM .**

**Set ON TIME 2 : 21:00 Hrs , set OFF TIME 2 : 00:00 Hrs**

**Set ON TIME 1 : 00:00 Hrs , set OFF TIME 1 : 06:00 hrs**

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## **WATER LEVEL CONTROLLER SETTINGS:**

**Select AUTO MODE position to automatically Switch ON / OFF the timer at set times.**

**To control it manually , Select MANUAL MODE & use MANUAL ON , MANUAL OFF buttons.**

**Supply line sensor time duration can be selected either 1 minute or 5 minutes .**

**If there is no water in supply line then in 1 minute mode it will start the pump for one minute then stop it for next 1 minute then repeat .**

**If the water supply is restored meanwhile then it will continue to run the pump .**

**In 5 minutes mode it will run the pump for 1 minute & stop the pump for 5 minutes then repeat.**

**For daily clock time keeping clock has a Ni-cd battery type CR2032 inside .**

**It may be required to replace this battery after about 3 years of use .**

**After replacing battery keep TIME SET button pressed before switching on the power to timer then set clock times again .**