

USER MANUAL FOR AUTOSTARTER WLC

Khyatee Single Phase "Autostarter WLC" with Two Tank Fully Automatic Water Level Controller

Installation Operation and Maintenance Manual

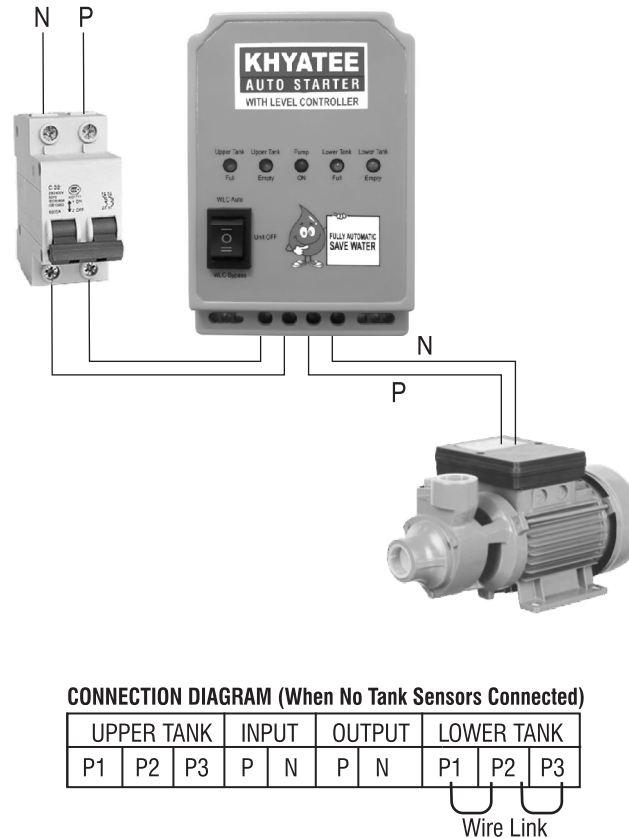
Please read this manual to know all features, Installation, Operations and Programming Procedure in Step by Step manner

- Installation:** It is recommended to connect 25 Amp. 'C' Series MCB before input connection of starter. First connect motor wires to output terminal, then connect supply to the input terminal from MCB output as shown in diagram below.

Chart for Product Features

Parameter	Default	Range / Type
Supply Voltage	230 V	150 - 250 V
Electronic Starter	0.5 to 3 HP	1 to 16 Amp.
Upper Tank full	5 Sec. \pm 3	Float Switch / Metal Sensors
Lower Tank Empty	5 Sec. \pm 3	

2. Motor Connection Diagram



3. LED Indications: Autostarter WLC has five LED indications as below

- Pump ON**
- Upper Tank Full**
- Upper Tank Empty**
- Lower Tank Full**
- Lower Tank Empty**

4. SWITCHES

A. WLC Auto Mode: Water level controller will function automatically when switch in auto mode i.e when upper tank becomes full pump will stop and upper tank full LED becomes on.

When upper tank becomes empty pump will start automatically if there is a water in lower tank. If lower tank is empty pump will not start even if upper tank is empty.

In auto mode pump will start automatically when power returns from failure. If upper tank is not full and lower tank is not empty.

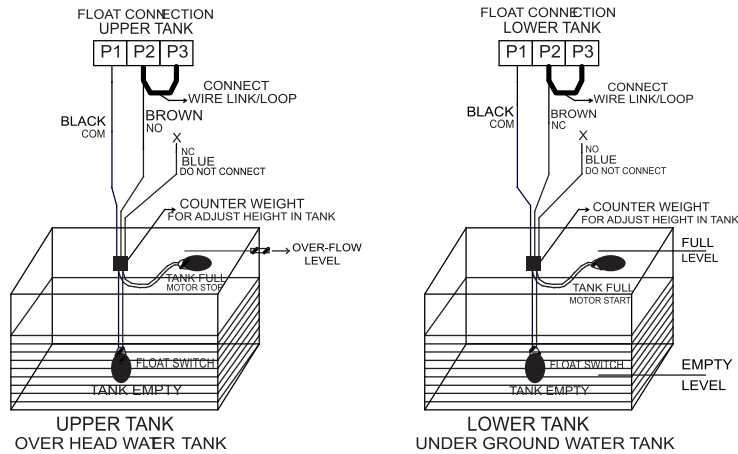
B. Unit OFF Mode: In this mode WLC and Motor both will become OFF. To start put switch in WLC auto mode.

C. WLC Bypass Mode: In this mode Motor will start & remain ON continuously till you put switch in Unit OFF mode to stop Motor. In this mode WLC will be bypassed.

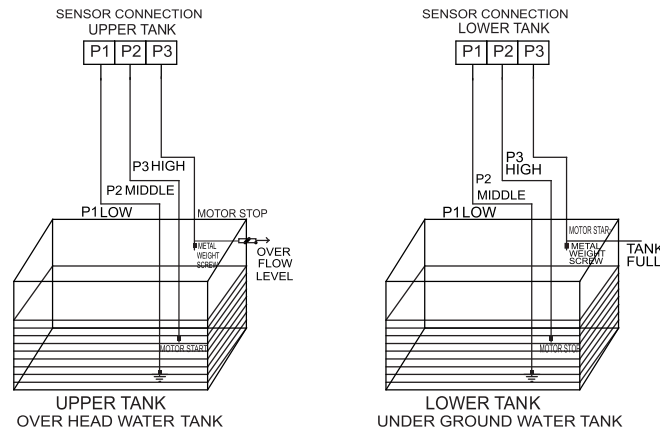
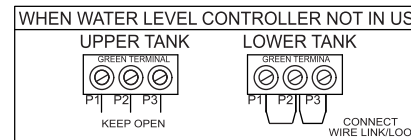
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Water Level Controller

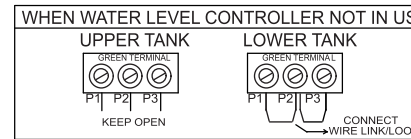
Autostarter WLC has inbuilt fully automatic two tank universal water level controller in which you can use float switch or metal sensors which can be connected as per diagram shown below



Connection diagram for float :



Connection diagram for prod:

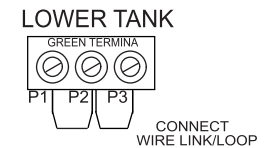


A. Both tank Automatic Functioning of Water Level Controller:

1. Keep switch in WLC auto mode for automatic operation of both tanks.
2. When upper tank becomes full, pump will stop and upper tank full indication will become ON, when upper tank becomes empty the upper tank empty indication becomes ON. Then pump will start and fill the upper tank. but if no water in lower tank it will allow pump to start till water comes in lower tank.
3. When lower tank becomes empty motor will stop and lower tank empty LED will become ON. When lower tank becomes full lower tank full LED will become ON.
4. It has automatic start for power failure also.

B. When No Lower Tank is used at Site:

1. Keep link between P1, P2, P3.



C. When No Upper Tank is used:

1. Then removed all links of upper tank terminal.



D. When Pipe Line Sensor is used:

1. Short P2 & P3 and connect one wire from pipe sensor to P1 & second wire to P2.

