

7.0 WARRANTY:

- 7.1 Standards warranty 12 months from date of purchase.
- 7.2 Warranty voids if overload connected to the Control Panel.
- 7.3 Warranty covers against only manufacturing defects.
- 7.4 Keep this warranty card safely.
- 7.5 In case of water found inside warranty voids.
- 7.6 Follow the user manual instructions strictly before use.

Customer Name:

Ph.No:

Dealer / Distributor:

Sign:

Stamp:

Date:

Product Serial No.:

Product Model No.:

Dealer Stamp:

Customer Support:



USER MANUAL & WARRANTY CARD

AP SMART PLUS RO CONTROL PANEL

Models & Features:

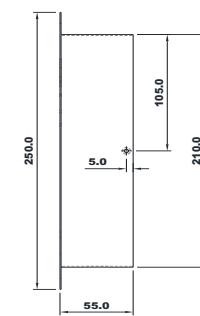
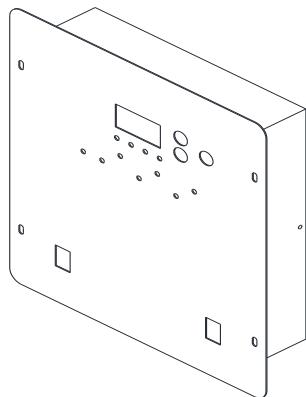
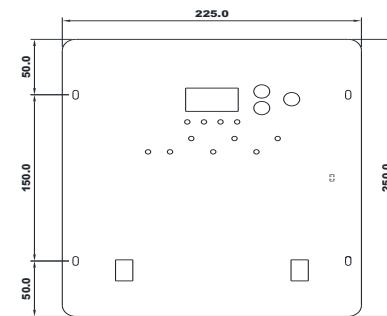
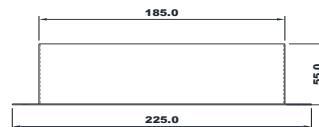
AP SMART LED PLUS - TDS, VOLTAGE, AUTO CURRENT CALIBRATION,
LPS RETRIEVE(10MIN) & CURRENT SENSE.

Table of Contents:

	Page Number
1.0 Installation & Safety Instructions.	03
2.0 Flow Diagrams.	04
3.0 Connection Diagram.	05
4.0 Operating Instructions:	05
4.1 Key Functions.	05
4.2 RWP Current Setting.	05
4.3 HPP Current Setting.	06
4.4 Auto Amp Setting.	06
5.0 Trouble Shooting Guidelines.	06
6.0 Mechanical Enclosure Dimensions.	07
7.0 Warranty & Customer Details.	08

6.0 MECHANICAL ENCLOSURE DIMENSIONS:

6.1 Dimensions: Length x Width x Height = 185 x 55 x 210 mm.



4.3 HPP CURRENT SETTINGS:

Power ON, Display Shows Voltage. Press & Hold Menu Key for 15 Sec. Display Shows Setting option(Set). Press Up Key 2times HPP LED Indication ON. Press Menu Key Edit place through Up & Down Key as per requirements then press the menu key to set the required value.

4.4 AUTO AMP SETTINGS:

Power ON, Display Shows Voltage. Please put mode switch in manual condition, then both pumps should be keep in on condition, Press & Hold Menu Key for 15 Sec. Automatically Voltage & Current will be set.

5.0 TROUBLE SHOOTING GUIDE LINES:

Sl.No.	LED Indication ON	Cause & Action
1.	Raw Water Tank LED ON	<ul style="list-style-type: none"> • Actually tank is empty. • Floaty is not connected. • Check the float & wires.
2.	LPS LED ON	<ul style="list-style-type: none"> • Pressure lower then the set value. • Check the input water pressure. • Check the LPS Connections.
3.	HPS LED ON	<ul style="list-style-type: none"> • Pressure Higher then the set Value . • Check the sand, Carbon Filters. • Check the HPS Connections.
5.	Treated Water Tank LED ON	<ul style="list-style-type: none"> • Actually tank is Full. • Floaty is not connected. • Check the float & wires.

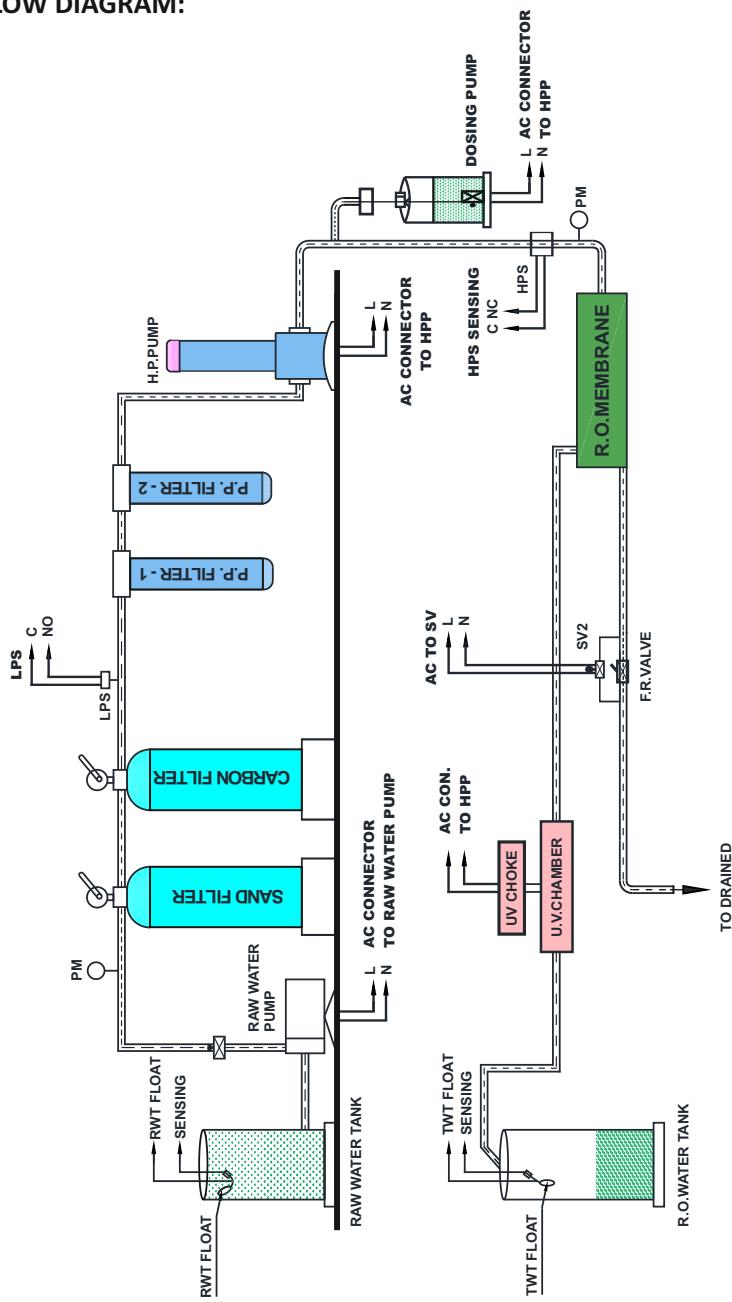
1.0 INSTALLATION & SAFETY INSTRUCTIONS:

To Comply with the published safety standards, The following must be served when using this control panel.

- **Applicable Models: RO Control Panel.**
- Allow sufficient space around the control panel for proper air circulation.
- RO Control Panel designed to operate for “ **INDORE USE ONLY** ” for RO Plant.
- Operating voltage for **single phase 230V**.
- High voltage inside, to be serviced by trained persons only.
- Protect the RO control from the water dropping.
- Do not connect more the specified load on RWP & HPP.
- Connect the proper Earthing.
- Connect the input connecting wires 2.5 Sq.mm.
- Fix the panel properly with the nut bolts.
- Ro Control Panel can be fixed on the plain surface.

Note: Read manual completely before installing the RO Panel.

2.0 FLOW DIAGRAM:



3.0 CONNECTION DIAGRAM:

RO PANEL: ELECTRICAL CONNECTING DIAGRAM



SENSING DIAGRAM PANEL:

TDS	HPS	LPS	TWT	RWT

4.0 OPERATING INSTRUCTIONS:

4.1 KEY FUNCTIONS:

Menu	Helps to enter into settings. Confirmation of selection of your choice. Also works as CENTER KEY FUNCTION.
UP	Upward Movement. Increment of numbers. RWP Pump ON/OFF in Manual mode Condition
Down	Downward Movement. Decrement of numbers. HPP Pump ON/OFF in Manual mode Condition

4.2 RWP CURRENT SETTINGS:

Power ON, Display Shows Voltage. Press & Hold Menu Key for 15 Sec. Display Shows Setting option(Set). Press Up Key RWP LED Indication ON. Press Menu Key Edit place through Up & Down Key as per requirements then press the menu key to set the required value.