EPV Wi-Fi Network Setup Manual

EPV series Wi-Fi version with Wi-Fi build in the pump controller unit.

Enable Wi-Fi connection

- Connect to AC power and Power on ESP variable speed pump by "Run" button after proper piping installation.
- The pump will start self-pumping and Wi-Fi icon should display on the left top corner in few minutes.

- If there is no Wi-Fi icon display , press the "MENU" button and roll down to items 10 by "▼" , press " ENTER to access Wi-Fi setting.

- Press "FUNCTION" to display the selection.

- Press "Enabled" by pressing "ENTER" and "ESC" to go back to home display.

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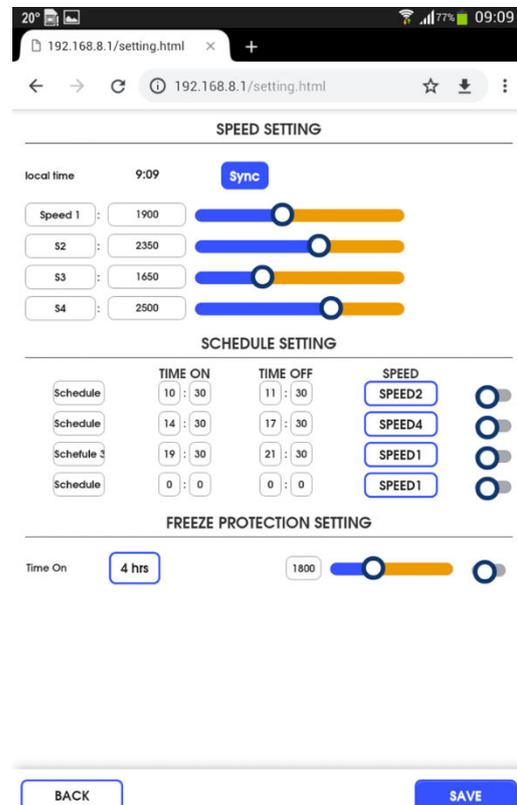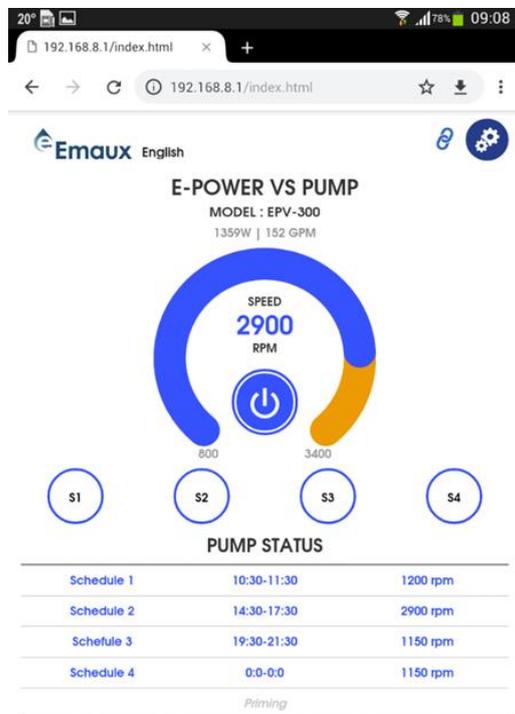

Connect to EPV variable speed pump

EPV Wi-Fi Direct connection is a point to point connection without access any network. It is just like a private controller. It can be connected and control by mobile phone, tablet PC, laptop top or any Wi-Fi enable devices directly without consideration of OS platform. What it needs is a web browser!
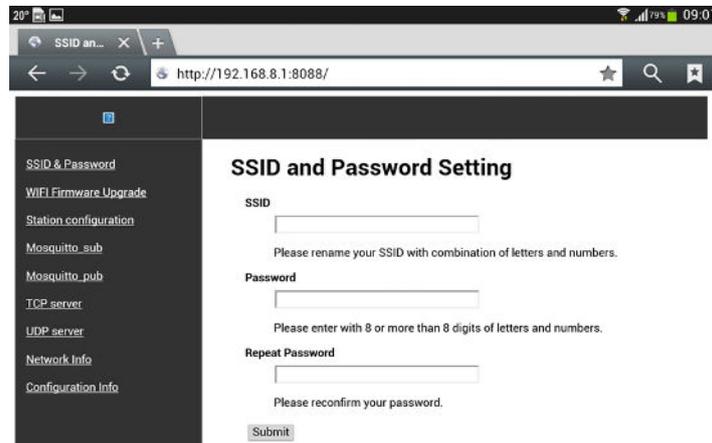

Wi-Fi Direct

- Go to Wi-Fi setting of mobile phone and find "EMAUX-WiFi" and enter password "emaux_pump" for connection. This is the factory default SSID name and password.
- Scan the QR code label on the side of the controller unit, it will access the EPV web server user interface and the browser show "epv.emaux.com" which is a virtual domain name without internet connection.
- Or, by typing IP address 192.168.8.1 to access.

Two pages control and setting interface

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Change SSID and Password

The SSID and Password can be changed by typing the IP address 192.168.8.1:8088 to access the Wi-Fi Network setting page. It is similar to what people do for their home router.

Type SSID name and password, repeat the same password, then press "Submit". The EPV Wi-Fi SSID and password is changed and you need to re-connect the EVP Variable speed pump Wi-Fi by new assigned SSID and Password.

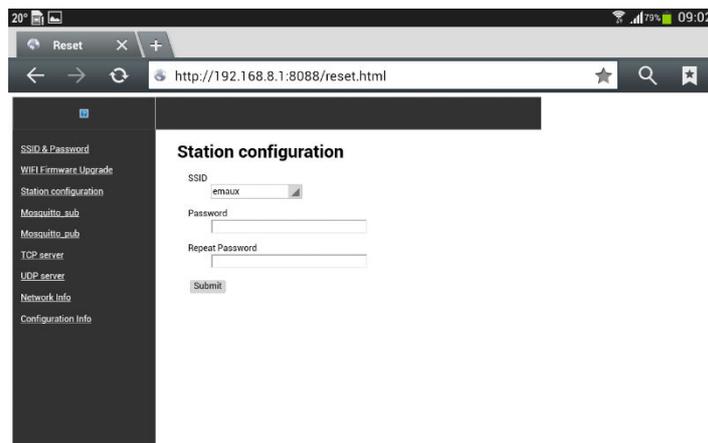Scan QR code or type IP address 192.168.8.1 to access the web server page again.

Connect to Home Network

(Caution) User has to know how to access "Home Network Router" Setting and it is preferred to do it by desktop or laptop PC.

The EPV variable speed pump Wi-Fi can be set to connect to Home Network to extend the control distance and easy access.

- Access Emaux-WIFI, Type IP address 192.168.8.1:8088 to access the Wi-Fi network setting. Select Station configuration.

- Type your Home Network SSID and password, repeat password and then press "Submit". It will show "success" when it is done. The EPV will connect to Home Router automatically. The Direct-Wi-Fi connection SSID will be erased and can't be found and used.
- Access your router and go to DHCP Client list to find EPV new IP address. The location and display format will not be same for different router band, user must have the knowledge to get the new IP address from router from DHCP clients list.

- Connect mobile phone / tablet to assigned "Home Network", type the new IP

address for user interface access.