

## GOFERMENTOR NET and JR MANDATORY FIRMWARE UPGRADE - August 2024

The GOFERMENTOR app used to monitor and control NET or JR over the internet will NOT work after Jan 31, 2023 due to an upgrade by our service provider. We apologize for the need to update but the new software is easier to use with many useful new features.

Check your firmware. Power up the GOFERMENTOR and note the version number. If the version is V300 you MUST upgrade. Firmware must be at least v 1.1.21 (NET) or v 0.1.21 (JR).

### REQUIREMENTS FOR UPGRADE:

1. Windows PC
2. USB C connection cable
3. Firmware ZIP file. Download from GOf fermentor website.

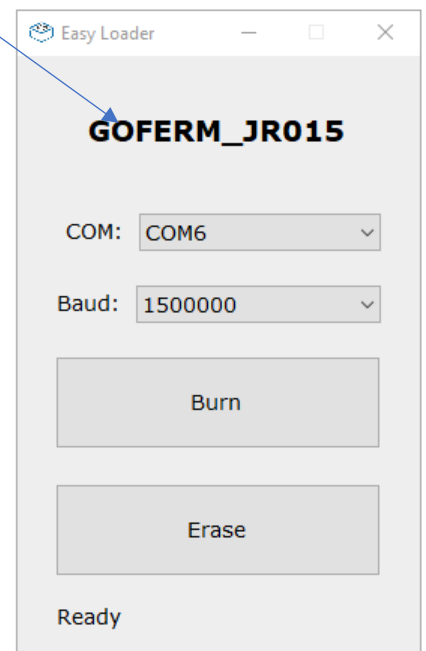
### INSTALL NEW FIRMWARE:

1. Use a web browser to connect to [www.GOf fermentor.com](http://www.GOf fermentor.com) -> Support -> Downloads. Select the NET or JR file and click on it to download to you PC.
2. Unzip the downloaded file.
3. Connect a USB-C cable from a Windows PC to the USB-C port on the left side of the black GOf fermentor controller.
4. Run (click) on the unzipped download firmware program. In the program select the attached controller port (**COM#**). Use *Device Manager* to find the port used.
5. Press **ERASE** current firmware, and then **BURN** the new version of firmware.

**Note:** If no COM port is detected automatically, you most likely need to install the windows drivers. You'll need to download this file, extract the zip contents to a new folder, then run the "x64" exe to install the driver:  
[LINK](#)

### DOWNLOAD NEW APP:

- A new app will need to be installed on your phone or tablet to connect to and remotely control the GOf fermentor Unit. Please download the **Blynk IoT** app (not **Blynk Legacy** app) to your mobile device or tablet from either Android play store or Apple App store.
- To use the new app, a new log in will need to be created on the Blynk IoT Platform connected to the GOf fermentor Ecosystem. An invitation will need to be sent to join the GOf fermentor Ecosystem. If you have not received an invitation, request one from [tech@gofermentor.com](mailto:tech@gofermentor.com). It may be marked as spam, look for an email from [robot@blynk.cloud](mailto:robot@blynk.cloud)



## FIRST TIME USER REGISTRATION

1. You will receive an email from Blynk [robot@blynk.cloud](mailto:robot@blynk.cloud) on the email address you provided to us at the time of your GOfermentor order. Click on the link in this email to setup a Blynk account. You can provide a password of your choice. Close the sign up window when you are done.

### *What is a Blynk account?*

*An account is an email+password combination*

*Each GOfermentor is assigned to an account. This gives it secure ownership. Only this account can view or control this GOfermentor. The account holder can extend invites so other users can share access.*

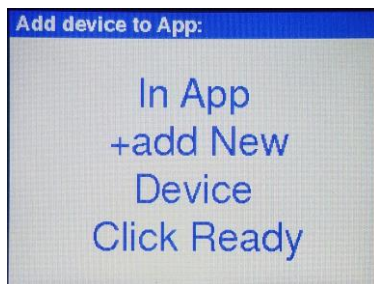
2. Download the Blynk IoT app (**not Blynk legacy**) to your mobile device from either Android play store or Apple App store.

## LOGGING IN

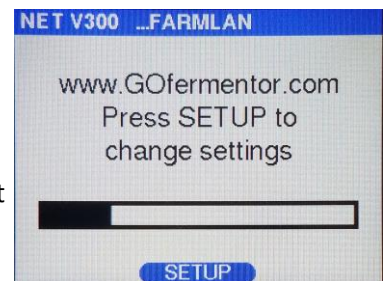
1. Open the Blynk app and login using your email address and password. You will see tile display showing you all the devices you can access.

## ADDING DEVICES

Power up the GOfermentor NET unit you want add and control to you Blynk app. After the startup screen you should see the following screen on the GOfermentor display:



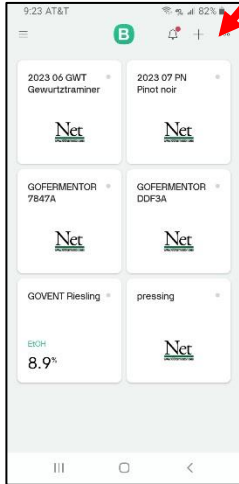
If it gets stuck in this startup screen:  
Cycle power OFF/ON. Hit the SETUP button within 30 seconds and select option Reset WIFI. Unit will restart and show the +add New Device screen.



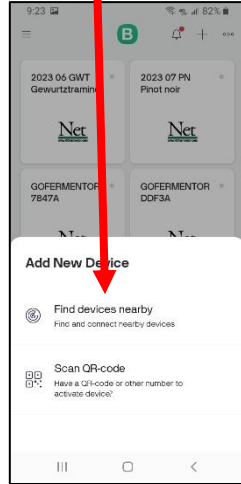
Open the Blynk app and login using your email address and password you selected on sign up. You will see a tile display showing you all the devices you can access.

If you do not have any devices yet, then click to add the first device.

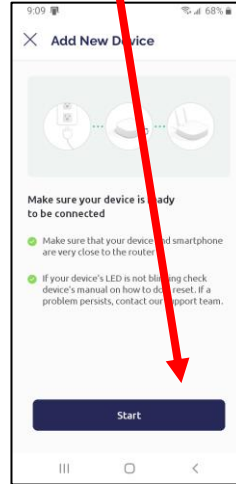
To add additional new devices, first click the “+” in the top right corner



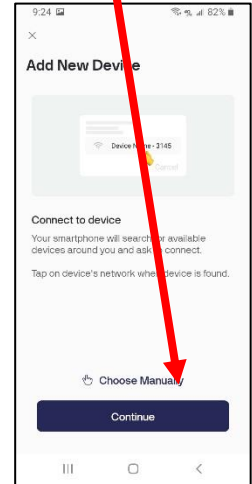
Next click “Find nearby devices”.



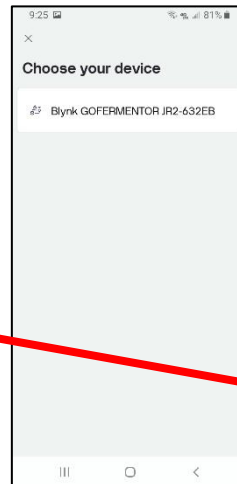
Verify that the NET lcd display still shows **In App, +Add New Device**. Now click “Start”



Click “Continue” on next screen.



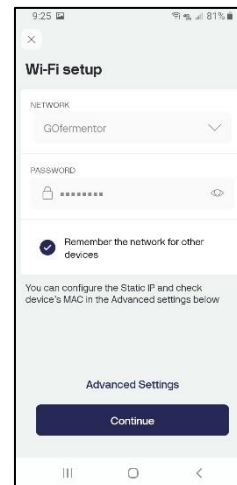
The App will search for compatible devices, when displayed, click on the name of found device. Device names will be similar to “Blynk-GOFERMENTORxxxx”



It will display “Connection Successful” once connected.

Next choose your Wi-Fi network from the list. **These MUST be 2.4 GHz networks. GOf fermentor does not connect to 5 GHz.**

Now type in your WiFi network password (**not Blynk password**), remember this is case sensitive. Click the option to remember these settings if you plan on using it for other devices.

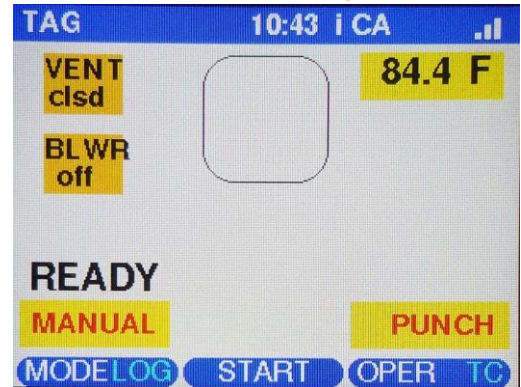


In a moment, the app and device will pair and configure the Wi-Fi credentials.

C indicates device is online

If successfully connected the following screen will be shown in the app and also the devices display will show the home screen.

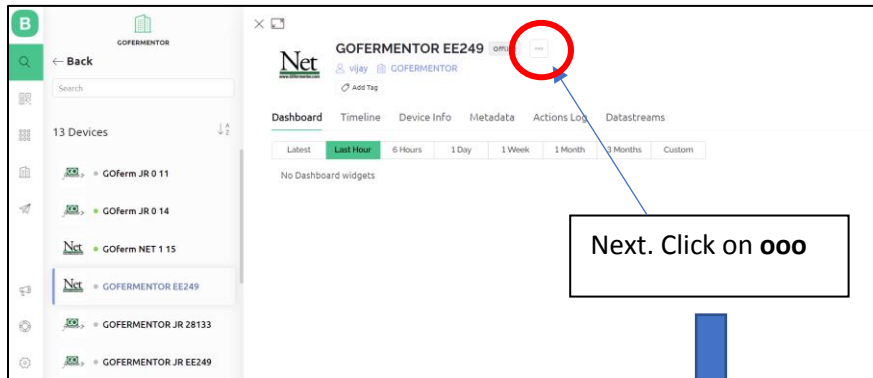
Click on the default name to change the name to something that is more meaningful and easier to remember.



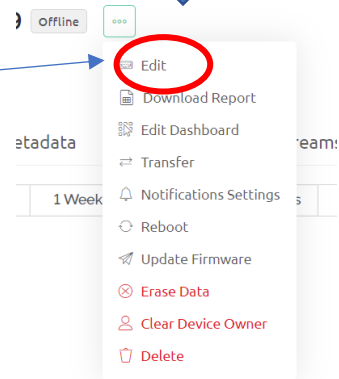
## WEB BROWSER INTERFACE

There is an interface console also available online to monitor your devices and change a few settings.

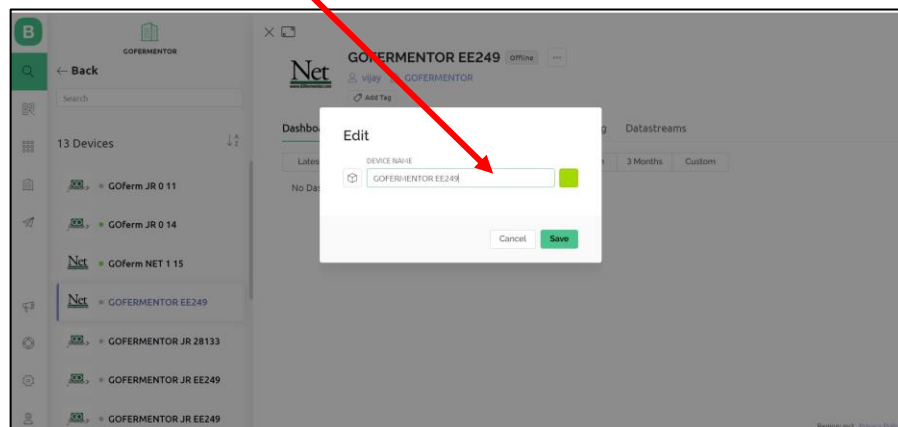
Login into your Blynk console by clicking on **blynk.cloud** in any web browser and enter your username and password (same as the mobile app). Next click on **my Devices** and select the one you wish to make changes to. For example if you wish to change the name, click on GOFERMENTOR EE249 to change its name. You will see the info page for this device.



Select Edit



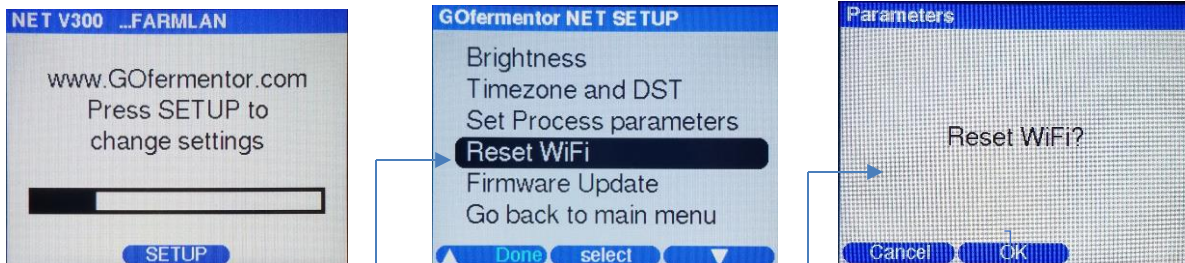
Enter new name  
and click SAVE



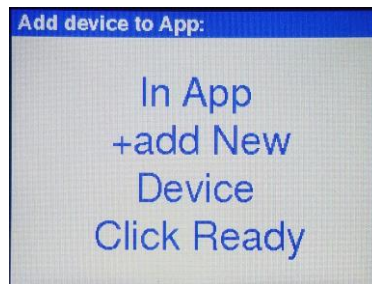
## CHANGING THE WIFI SSID (LAN)

If you move the GOfermentor to a new location that is out of range of the original LAN (SSID) you assigned it the first time, you can easily change the WiFi SSID:

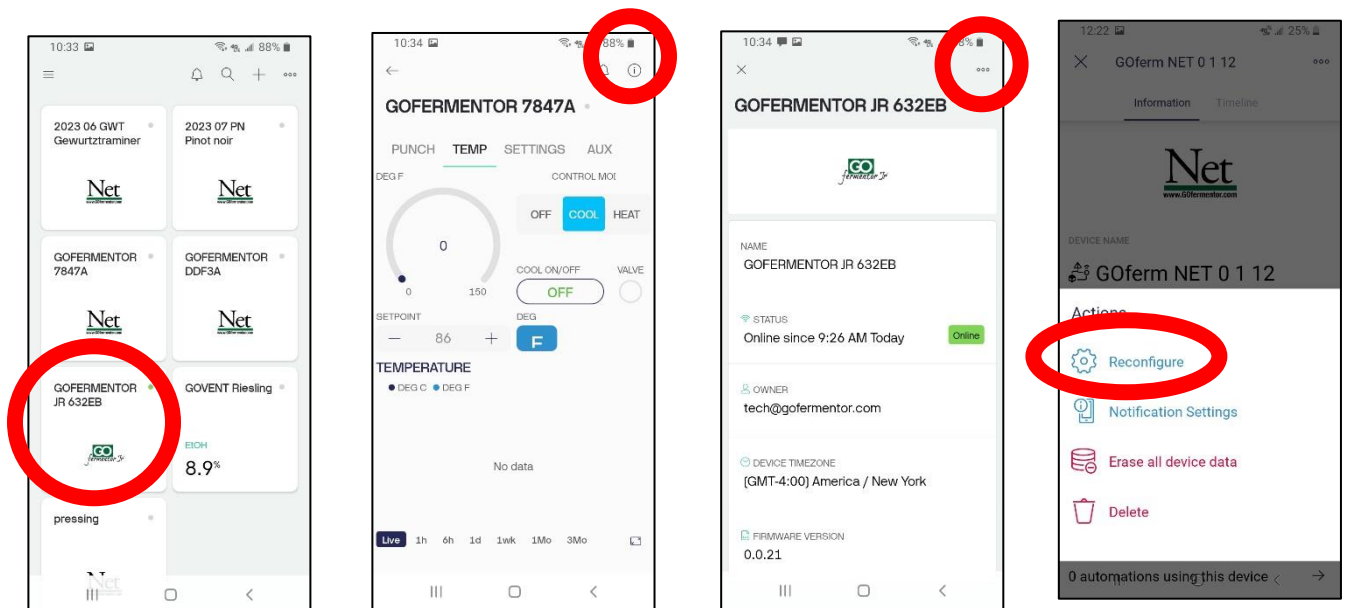
Cycle power on the GOfermentor and click the center button within 30 seconds. This will force the controller enter the SETUP menu, from here select "Reset WiFi", confirm OK and wait for the



reboot.



Now open the app, select the device you are wanting to change. Then tap the "i" in the upper right corner. On the next screen, tap the three dots in the upper right corner again. Finally tap on the "Reconfigure" option to reinitiate the pairing process. Confirm your selection when asked.



You will follow the same directions as adding a new device as listed in the previous section.

## DEVICE INFORMATION AND TIMELINE

The Blynk app shows all the devices you are allowed to view on a tiled display. Click to bring up a particular NET display.

Shows if device is currently offline (grey) or online (green)

Click to show ALL device notifications (bell)

Next click on "i" symbol for information

The first screenshot shows a grid of device tiles. A yellow arrow points from a tile to the second screenshot, which shows the control interface for 'GOFERMENTOR 7847A'. A red circle highlights the bell icon in the top right corner. A third screenshot shows the information page for 'GOFERMENTOR JR 632EB'.

First tab shows you **Information** about the device. Clicking on **Timeline** will show you all the timestamped alarms and events.

Next click on "bell" symbol for timeline of notifications

The first screenshot shows the control interface for 'GOFERMENTOR 7847A'. A red circle highlights the bell icon in the top right corner. A second screenshot shows the 'Notifications' screen with a list of events for 'Today', including 'PoweredON' and 'Online'.

## APP SETTINGS

1. Click on sandwich menu (left top).
2. Click on Settings. The settings pertain to how notifications are handled. You turn notifications ON and OFF and also control how you wish to be notified.

The first screenshot shows the main device list with a red circle around the sandwich menu icon in the top left. The second screenshot shows the 'My Profile' menu with a red circle around the 'Settings' option. The third screenshot shows the 'Settings' screen with the 'Notifications' section expanded, showing options like 'Mute all notifications', 'Notify when device goes offline', and 'Notification Channels'.

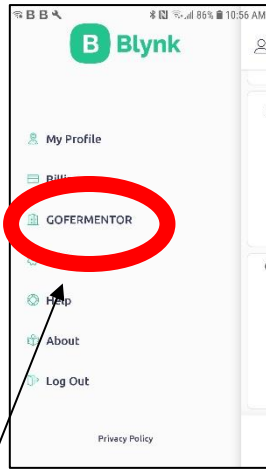
## SHARING DEVICES

A user can allow others access to their devices. This involves adding new users to your ORGANIZATION:

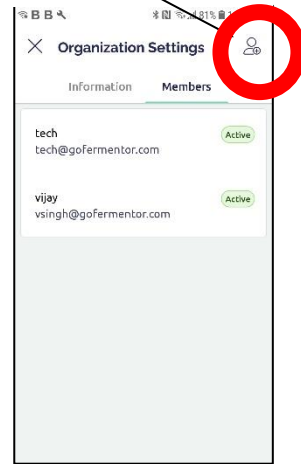
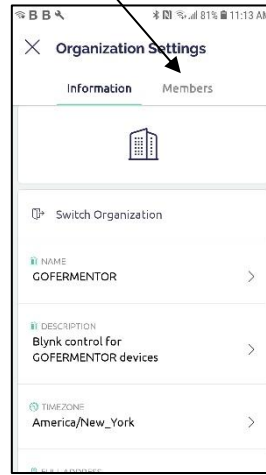
Click on sandwich menu(left top)



Click on Members



+invite new member



Select your ORGANIZATION  
(GOFERMONTOR is just  
example.)

A screenshot of the 'Invite New Member' form. It has fields for 'EMAIL' (with 'user.email@email.com' entered), 'NAME' (with 'Name' entered), and 'ROLE' (with 'Admin', 'Staff', and 'User' buttons). Below the form, there are sections for 'USERS' and 'OWNED DEVICES' with various permissions listed. Annotations with arrows point to the email field, the name field, and the 'User' role button.

Provide a valid email and  
user name

Select ROLE as **USER**  
(will NOT allow user to  
pick Admin or Staff).

Scroll to bottom and click **INVITE**. Email will go to the new user with a link to sign up on Blynk. The new user should then download the Blynk app and login with their email and chosen password. They can now view and control all the devices in the ORGANIZATION.

**ALL DEVICES** in the ORGANIZATION will be visible to all members of the particular ORGANIZATION. Devices in other ORGANIZATIONS are not visible.