



DO NOT INSERT OR REMOVE USB FROM FRYER UNTIL SPECIFICALLY INSTRUCTED. DOING SO MAY COMPROMISE THE CONTROL.

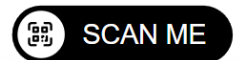
FHS Software Download and Drive Setup

Note: USB 2.0 of no greater than 16GB capacity should be used for update.

Recommendations are as follows

1. Sandisk SDK-SDCZ36-002G-B35 Cruzer USB 2.0 2 GB
2. Sandisk SDCZ36-004G-B35 Cruzer USB 2.0 4 GB
3. Sandisk SDCZ36-008G-B35 Cruzer USB 2.0 8GB
4. Kingston DT100G3/16GB Datatraveler 100 G3 16 GB
5. Kingston DTIG4/8GB Datatraveler G4 8 GB
6. Kingston DTIG4/16GB Datatraveler G4 16 GB

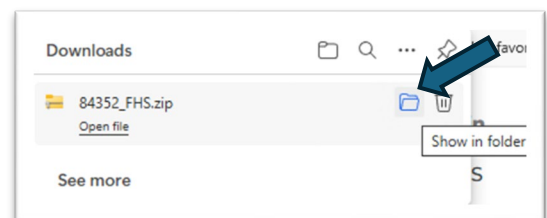
1. Scan the **QR code** or enter the link <https://www.perfectfry.com/fhs/> to be directed to the software download site



2. Select the **SOFTWARE UPDATE** key in red

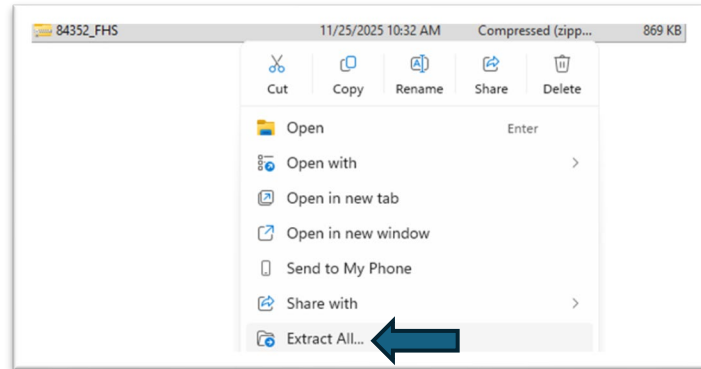


3. The download of **84352_FHS.zip** will begin
4. Select the **Show in folder** key, or navigate to your download location

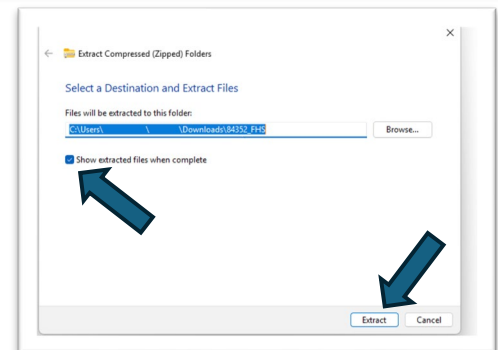




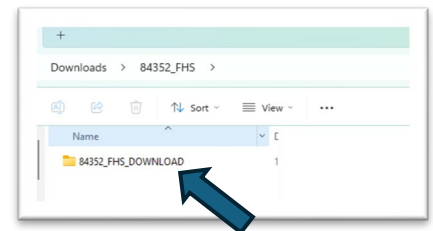
5. **Right click** on the **84352_FHS.zip** file
6. Select **Extract All...**



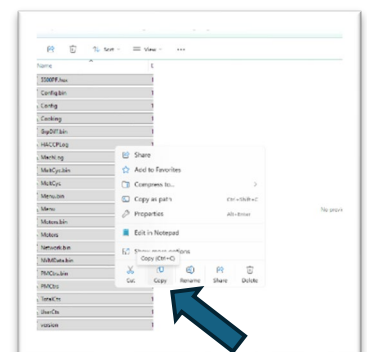
7. A text box will appear showing you the file path for the extracted files, ensure show extracted files when complete is checked and select **Extract**.



8. Open the **84352_FHS_DOWNLOAD** folder that appears when the extraction is complete

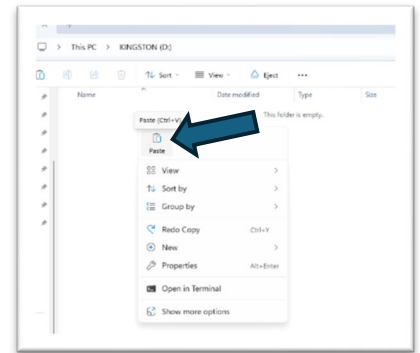


9. **Select all 20 files** from within the folder.
10. Right click the highlighted files and select **Copy**

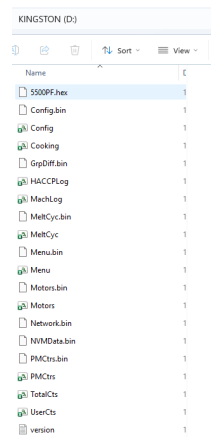




11. If the destination USB drive has not been inserted, do so now.
12. Open **This PC** and select the USB drive
13. Right click within the USB drive's root (main) folder and select Paste to transfer the files



14. Ensure **all 20 files** now reside on the root of the drive



15. With the drive prepared, remove the USB from the computer follow instruction L-1629 to conduct the update on the Perfect Fry unit.



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L-1629

FHS Software Update (Wi-Fi) Manager

Updating the Controller Software

1. From the **Home** screen, select the **More** key.
2. From the **More** screen, select the **Other** key
3. From the **User Settings** menu select **Import/Export**
4. From the **Import/Export** screen, select **Import**
5. Insert the USB drive containing the update in the port covered by a screw cap on the rear of the unit (top, control side).
6. From the **Import** screen, select **Version Update** (may be referenced as **USB Update**)
7. In the **Version Update** screen, select **Check Update Files**. The control will validate all files for the update are present and display a progress bar (1.30.08 or higher).
8. Once the check is complete, the **Update Version** key will turn blue, selection **Update Version**.
9. While the update occurs, the screen will appear inactive, before turning off and rebooting. The process can take between 10-30s, **DO NOT** remove the USB during this time.
10. Once the control has rebooted, the unit will display **"TAP SCREEN TO CONTINUE"**, tap the screen to initiate progress to the oil level check. Selecting **"Level Checked"** will initiate the **System Startup** check process. once complete, the unit will return to the **Home** screen.

Updating Configuration and/or Recipes

1. From the **Home** screen, select the **More** key.
2. From the **More** screen, select the **Settings** key
3. Enter passcode **4750**
4. From the **Settings** menu select **Import/Export**
5. From the **Import/Export** screen, select **Import**
6. From the **Import** screen,
 - a. Select **Menu** to upload recipe and group information from USB.
 - b. Select **Clone System** to upload background system configurations from USB.
 - i. **WARNING – Do not select Copy. This will overwrite the unit serial, generating issues with Wi-Fi connectivity.**
 - c. Select the **left arrow** in the top left corner of the screen
7. A reboot will be prompted, select **Yes**.
8. The update is now complete. Once the unit has returned to the screen stating TAP SCREEN TO CONTINUE, the USB may be removed from the unit. **DO NOT REMOVE USB PRIOR TO THE TAP SCREEN MESSAGE APPEARING, DOING SO MAY COMPROMISE THE CONTROL.** The information on the additional pages will allow you to validate the Wi-Fi connection is functioning properly.



Checking Wi-fi Status

1. From the home screen select the ? icon in the lower right corner of the screen.
2. This will bring up the System Information screen. If a Wi-Fi symbol is present in the lower right corner, Wi-Fi functions are enabled, which can only be achieved with the unit having been properly serialized.
3. Selecting the Wi-Fi icon will bring up the Cloud Status page, here messaging between Open Kitchen and the unit can be monitored. Below the messaging area, the general connection status is displayed. If this is the first time pairing with the network, it may take several minutes for the connection to register. When connected the bottom of the page will state

ON -> Connected-> FHSKitchen

4. If there is an issue with the Wi-Fi network, such as it is out of range, the cloud status will show

OFF - Disconnected

Troubleshooting

Checking Credentials

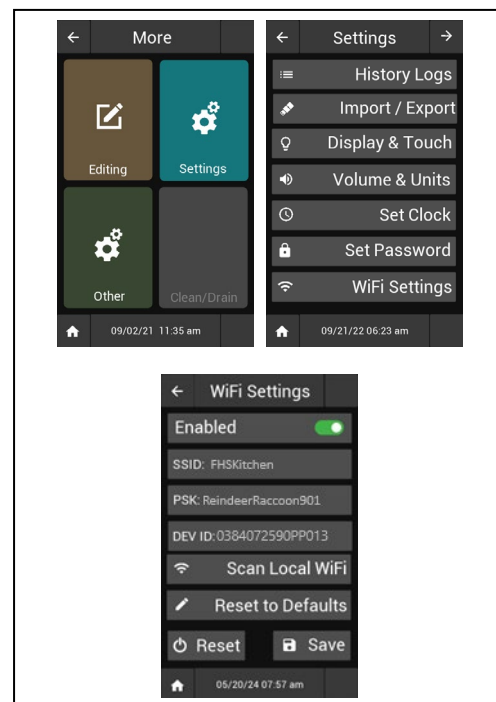
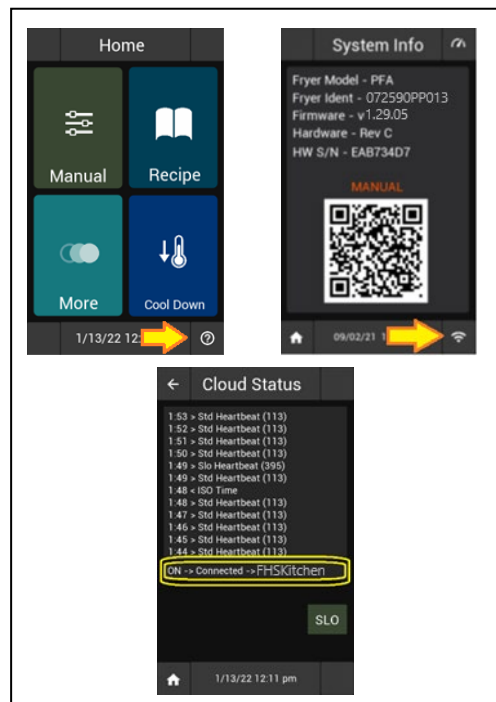
1. To navigate to the Wi-Fi Settings screen, select **More** from the home screen.
2. From the More page select **Settings**.
3. Enter the default manager access code **1234**.
4. From the Settings Menu, select **WiFi Settings**.

The information should be as follows:

- Enabled: (Green slider position)
- SSID: **FHSKitchen**
- PSK: **ReindeerRaccoon901**
- DEV ID: 0384MMDDYYPPXXX
 - MMDDYYPPXXX denotes the unit serial number.

If the DEV ID is only a 4-digit entry, the unit is no longer serialized and cannot establish Wi-Fi connectivity until resolved. Contact Blodgett Personnel for additional information.

Blodgett Service Line +1 (847) 481-6675





Is there an issue between the CWM and the equipment?



CWM v2



CWM v1

These icons represent the Downlink / Equipment connection.

- **Green** solid or flashing light indicates active communication with the equipment's control board.
- **Red** solid or flashing light indicates that the module is not currently getting a response from the equipment.
- No LED activity should be treated the same as a red light. Some equipment may just flash once a minute.
- **Yellow/Orange** flashing light indicates the module is in the middle of a reset. Solid yellow/orange is AP mode. Manually power cycle the module if you are in AP mode unintentionally.

In general, we're **looking for a solid or flashing green light** on the above icons to show that we have a good connection between the CWM and the equipment. A **red light** or no activity indicates that the connection is incomplete somewhere. Possible reasons for a bad connection include:

- Loose connection between the CWM and the dock on the equipment.
- Wiring issue between the equipment's control board and the dock.

Is there an issue with connecting the CWM to the internet?



CWM v2



CWM v1

These icons represent the Network / Internet connection.

- **Green** solid or flashing light indicates active communication with the internet.
- **Solid Red** light indicates that the module cannot find a specific local area network to connect to.
- **Flashing Red** light indicates that the module may have found the local area network, but it can't get out to the internet.
- **Yellow/Orange** light indicates the module is in AP mode. Manually power cycle the module if you are in AP mode unintentionally.

In general, we're **looking for a solid or flashing green light** on the above icons to show that we have a good internet connection. If you only see a **red light**, review the following items.

- Can you connect to the location's network on your phone or laptop?
 - The FHS network is not publicly broadcast, you will not be able to see it through a general search for available networks. You will need to manually "Add network" on your device. You will be asked for a network name (SSID), and password (PSK)

SSID: FHSKitchen

PSK: ReindeerRaccoon901

- If you are unable to connect, or have weak signal, this indicates your device, and the unit may be outside the range of the network. A signal booster or similar may be required to extend the network.

If further assistance is needed regarding the ConnectWare module contact PHD technical assistance.

PHD Service Line +1 (617) 340-6582, ext. 3