



Introduction

Your KE2 Evaporator Efficiency-RE2 (KE2 Evap-RE2) controller can easily be updated in the field to the most current firmware for up to date features and optimal performance.

Getting Started

To perform a firmware update for your KE2 Evap-RE2 controller, you will need:

- The **controller** you wish to update
- A **smartphone, tablet, or laptop** to connect to the controller's Wi-Fi
- The **firmware update file** downloaded from www.ke2therm.com (See *Preliminary Steps* on page 2)

Table of Contents

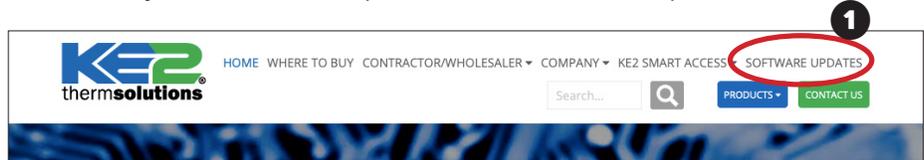
Preliminary Steps	Page 2
Download the firmware file	Page 2
Connect to controller's service view	Page 2
Login to manage setpoints	Page 3
Export refrigeration setpoints	Page 3
Prepare for firmware update	Page 4
Update controller firmware	Page 5
Login to manage setpoints	Page 6
Import refrigeration setpoints	Page 7

Preliminary Steps

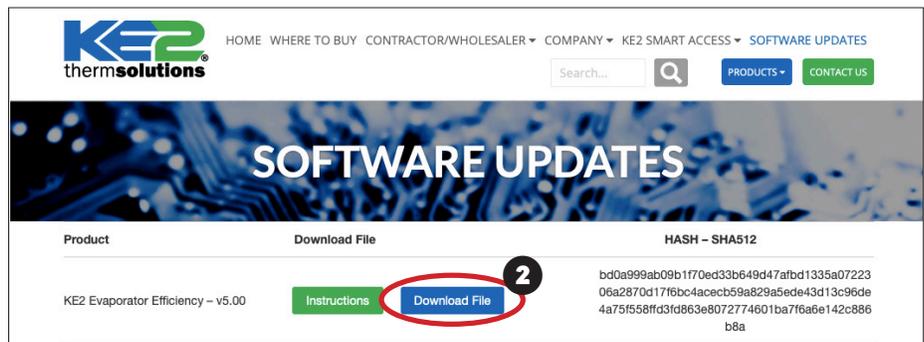
Before you begin the process, you will need to download the firmware file to your device using the following steps:

DOWNLOAD THE FIRMWARE FILE

- 1 Go to www.ke2therm.com and click on the **Software Updates** tab or visit: <https://ke2therm.com/software-updates-2>



- 2 Click **Download File** next to KE2 Evap-RE2 and select a location to save the file.



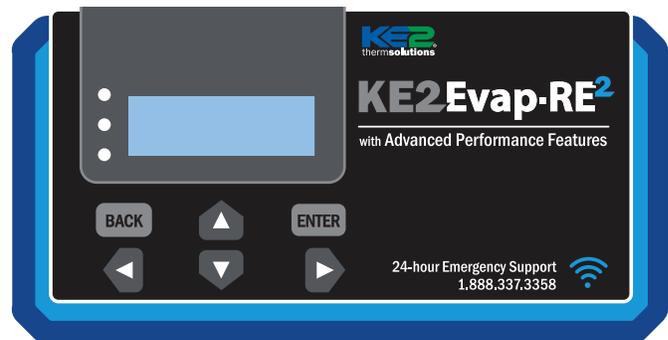
bc7c1dd2d8ed90b4584327a43f565144b7934c33e
c86095475d2abaeb037a35ffbc6e811af861293326
386361f32b9da1ff12fb59dd4e7d46947eaf83e058f
31

REBOOT CONTROLLER

- 1 Remove power from the controller for at least 20 seconds before reapplying power. This will clear the controller's temporary memory and make the update proceed more quickly.

CONNECT TO CONTROLLER'S SERVICE VIEW

- 1 Hold **BACK** and  to turn Wi-Fi on.
- 2 Use phone, tablet, or laptop to find and connect to Wi-Fi signal **re2-###**.
- 3 Open a browser (Safari, Chrome, Edge) and you should automatically be guided through the Wi-Fi login to the controller's Home Page (re2.ke2.co). If not automatically redirected, manually type "re2.ke2.co" into the browser address bar and go.*



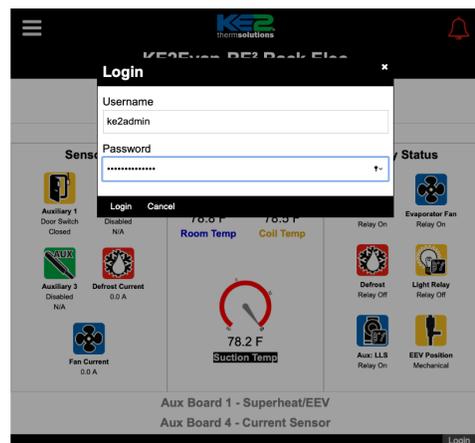
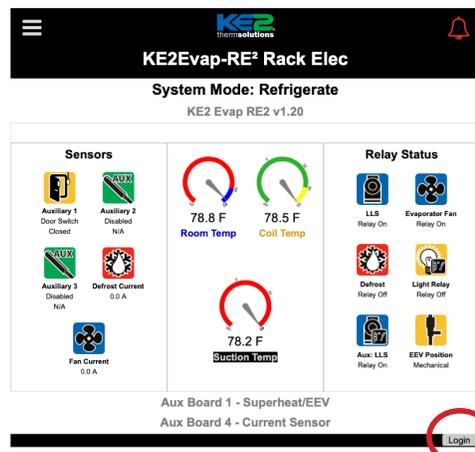
*If you arrive at a login page with Site and Password, your device is accessing the internet instead of the controller's built-in webpage. Enable Airplane Mode or disable mobile data on your device, then re-connect to the KE2-Evap RE2's Wi-Fi if it disconnected and try again.

LOGIN TO MANAGE SET POINTS

- From the Home page, click Login at the bottom of the page, default credentials are:

Username: ke2admin
Password: KE2-RESquared!

- From the menu select Set Points.



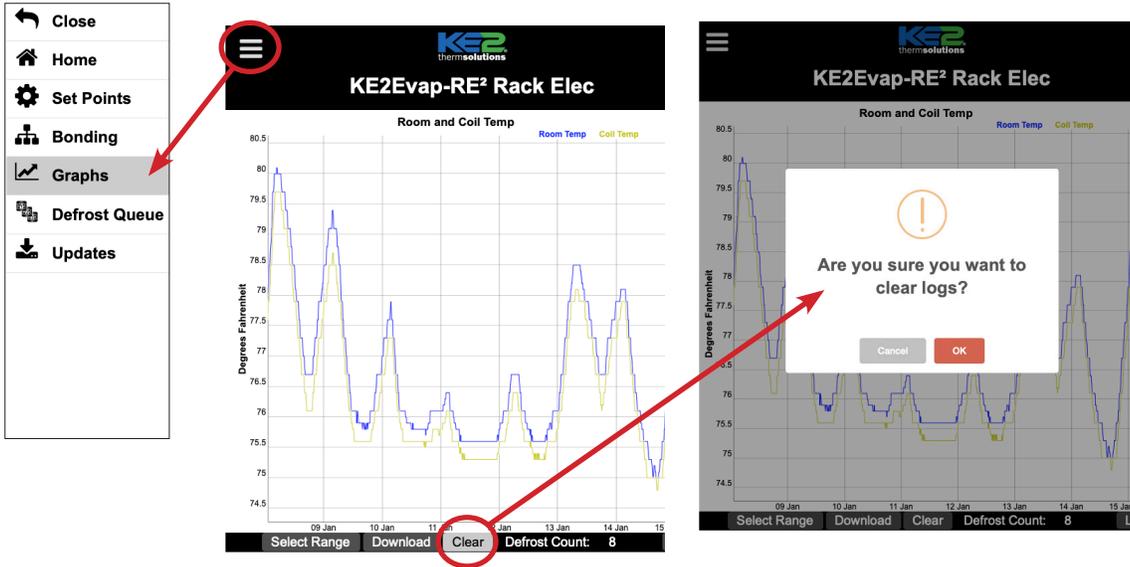
EXPORT REFRIGERATION SETPOINTS

- Updating the controller will reset setpoints to factory defaults, and will need to be reconfigured.
- Setpoints can be exported and saved to your device. Click the Export button and select a location to save the file. The export file should be saved as a .ke2s file. BACnet settings (under the Network tab) are not exported and should be recorded manually.
- Import the settings once before updating to ensure the export download completed and is accessible from your device. The setpoints can be imported to the controller after the firmware update.



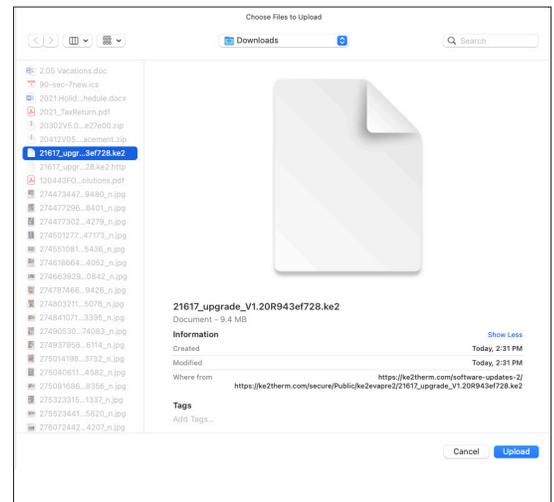
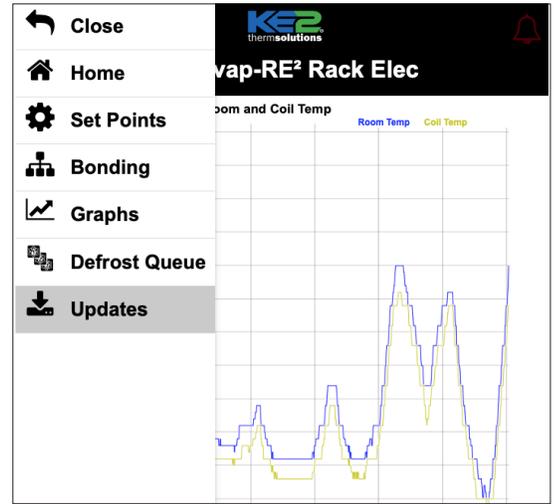
PREPARE FOR FIRMWARE UPDATE

- 1 Clear logs to free up memory and prevent an abnormally long upgrade time



UPDATE CONTROLLER FIRMWARE

- 1 Select Updates from the menu.
- 2 Select Choose Firmware File.
- 3 Select the KE2 Evap-RE2 Firmware File that was downloaded to your device.
- 4 The controller will begin the automated update process.
- 5 Typical update time is 5-10 minutes. Controller will be in Intro Mode and scroll RACK ELECTRIC when complete.
- 6 DO NOT power off controller until the update is complete or at least 30 minutes have elapsed.
- 7 Reconnect to Wi-Fi to complete configuration of the controller.

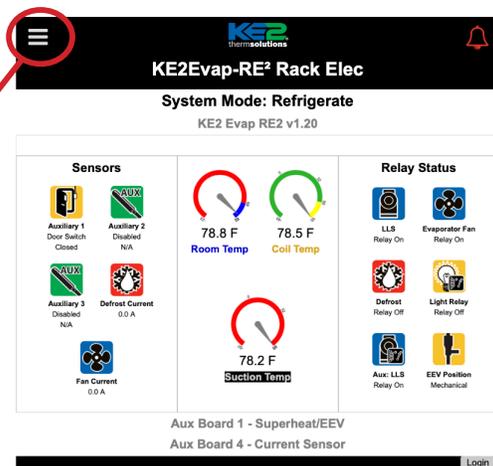
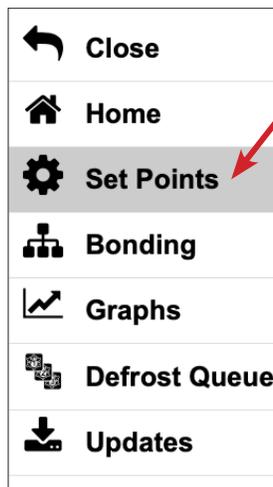
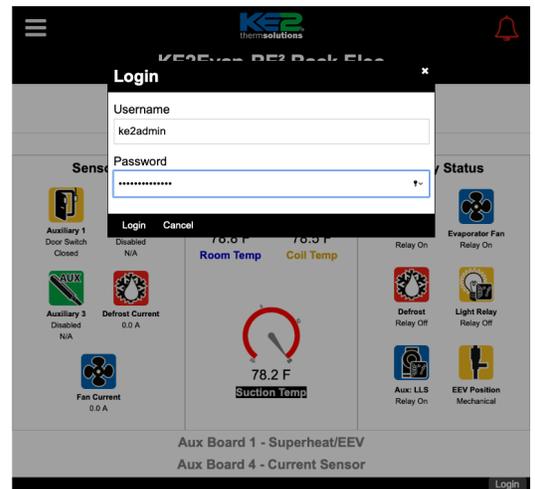
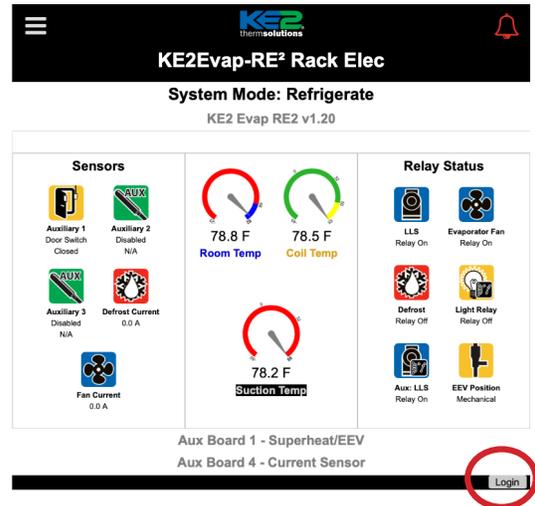


LOGIN TO MANAGE SETPOINTS

1 From the Home page select Login, default credentials are:

Username: **ke2admin**
Password: **KE2-RESquared!**

2 From the menu select Set Points.



IMPORT REFRIGERATION SETPOINTS

- 1 .ke2s setpoint files can be imported into the KE2 Evap-RE2 controller.
- 2 The existing setpoints will be replaced with values saved in the imported file.
- 3 Select Import and choose the .ke2s file saved earlier.
- 4 Perform the Import process twice to ensure all setpoints are imported.
- 5 After importing, review the setpoints to verify proper setup. Re-enter BACnet setpoints (if used).

