



MODEL 829F

Thank you for choosing KALOR TECH. We provide you with exceptional tools to help you take control of your heating from home or from anywhere in the world, and to allow you to save money, achieve maximum comfort, and experience peace of mind. **PLEASE DO NOT RETURN THIS UNIT** until we have had an opportunity to assist you. Email us at sales@kalortech.ideasolver.com for support. We respond to inquiries quickly and most likely provide a resolution to your issue. You can also find these instructions online at our website <https://www.kalortech.ideasolver.com>

This booklet covers the following topics:

- Requirements for installation
- New thermostat preparation
- Physical installation and testing
- Wireless connectivity for remote management



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REMOTE MANAGEMENT SETUP:

1. From the Google Store or Apple Store, download and install either the **Tuya** or **Smart Life** apps. Alternatively, scan the QR code on Page 1 to easily find the app.
2. Once installed, open the app and create a new account or sign in if prior devices had been added to the account. To continue, please ensure your wireless network can emit a 2.4 Ghz signal to add devices. **Alternately, a hotspot from a second phone can be used.** Select such a phone in your Wi-Fi list.



NOTE: This is only required for the device installation. Ordinary management of the device occurs through your preferred Wi-Fi network.

3. In the app, click the Add Device icon (+) to add a device to find.

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TOOLS REQUIRED (PHYSICAL INSTALLATION)

- Small, slotted screwdriver
- Small, Phillips screwdriver
- Cable stripper (optional)
- Voltmeter (optional)
- Wire nuts

WIRELESS FEATURES (optional)

- 2.4 Ghz Wi-Fi network (only required for device installation)
- Voice assistant such as Alexa or Google Assist
- Wi-Fi network access for voice assistant management
- Smartphone or tablet, (optional, but necessary for remote management)

NEW THERMOSTAT PREPARATION:

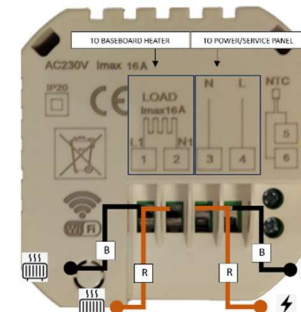
1. Turn power off at the electrical panel for this unit. **DO NOT** attempt to install this device without turning the power off from the main panel!
2. Unscrew the plate to the thermostat you're about to replace and take note of the cabling. Take pictures and label cables if necessary.
3. With the KALOR TECH thermostat facing down, open the device by pressing on ANY of the 4 plastic tabs (**Fig. 1, Page 4**)
4. Carefully, insert the KALOR TECH wall plate into the back of the new thermostat, ensuring that the 6 raised tabs on the wall plate make contact with the back of the thermostat's metal plate.
4. With the thermostat open, secure the thermostat to the plate using the small screws enclosed and close the device.
5. Using a small, slotted screwdriver, loosen the screws on the underside of the back of the thermostat corresponding to ports numbers 1,2,3 and 4.
5. Insert the **BLACK** pigtails into slots 1 and 4. Tighten the screws and ensure the cables cannot be pulled. Do not overtighten, but you should be able to tug on the cable when it is secured.
6. Repeat the process for slots number 2 and 3 using the **RED** pigtails.

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INSTALLATION:

Please observe the diagram to the right to install your device using the pigtails provided.

- The pigtails in ports 1 and 2 connect to the baseboard heater cables (load).
- The pigtails in ports 3 and 4 connect to the power source cables (line).



RESTORE POWER AND TEST:

1. Turn the power on at the main panel. If properly installed, the thermostat should display the temperature and the power button at the center of the thermostat should glow orange.
2. Using the plus and minus buttons, try altering the temperature by a few degrees. Ensure your baseboard heater responds.
3. Test by turning off the thermostat, waiting a few minutes, and checking to see if your baseboard heater has cooled off.

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OPENING AND CLOSING THE DEVICE:

NOTE: Please retain the small plastic tool enclosed. It was designed to open the device after installation if iso required.



Fig. 1

To open the device prior to installation, carefully press on any of the 4 white plastic tabs with the thumb, while holding the body of the thermostat with the other hand.



Fig. 2

To open the device AFTER installation, please use the enclosed plastic tool. Slip it under the cover and push down on the tool.

To close the device, simply press until tabs snap into place.

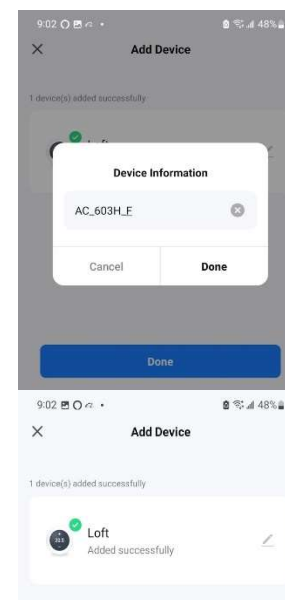
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ADDING A THERMOSTAT TO THE ALEXA DEVICE:

1. Open the Alexa app on your smartphone or tablet.
2. From the "hamburger" menu, select **Skills & Games**. On the top right, select the magnifying glass to search and enter the name of the application you installed on Page 5, **Tuya** or **Smart Life**.
3. Once found, select it to link to your Alexa account.
4. Select **Enable to Use** if this is the first time using it. You'll need to provide your Tuya or Smart Life username and password for Alexa to be able to manage the devices.
5. After entering the login information, select **Authorize**.
6. You should receive a message such as "**Smart Life has been successfully linked**". Click on **Done**.
7. Click the option to **Discover Devices**. After a brief moment, the new device should show up. If no device is found, close the Alexa app and wait a few minutes, relaunch the Skills and Games options and reopen the Tuya or Smart Life applications.
8. Once found within Alexa, you may use voice commands to control your thermostat.

For a list of common commands or to view a step-by-step video of the installation steps, go to the **Alexa Commands** section of the KALOR TECH website at kalortech.ideasolver.com, where you may **download these instructions and additional material**.

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The app will now show the new device and a suggested name, which can be changed on the next screen. Select **Done**. To the right of the name, a pencil icon allows you to change the name. The name should reflect the location of the device. This name will also be used when giving voice commands to Alexa or Google Assistant.

After successfully adding the device, your list of manageable devices should display. You can now open the new device to begin managing settings from anywhere, such as raising the temperature, using the digital dial, changing to manual, etc.

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NOTE: In most instances, after performing the steps in No. 6, and clicking the **Add Device** icon on the app as shown above, the thermostat should be found and steps 7 and 8 can be by-passed. They are given here in case a device is not readily found.

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