



MODEL 603H

Thank you for choosing KALOR TECH. We provide you with exceptional tools to help you take control of your heating at 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](mailto: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:

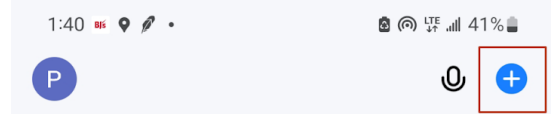
1. From the Google Store or Apple Store, download and install either the **Tuya** or **Smart Life** apps. Alternatively, scan the QR code on Page 1 to easily find the app.
2. Once installed, open the app and create a new account or sign in if prior devices had been added to the account. To continue, 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.

**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:

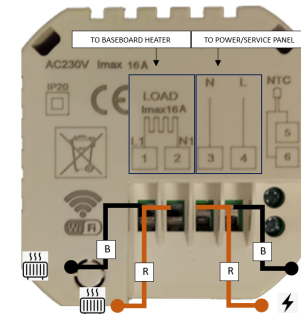
1. Turn power off at the electrical panel for this unit. DO NOT attempt to install this device without turning the power off from the main panel!
2. Unscrew the plate to the thermostat you're about to replace and take note of the cabling. Take pictures and label cables if necessary.
3. Insert the KALOR 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. Using a small, slotted screwdriver, loosen the screws on the underside of the back of the thermostat corresponding to 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).

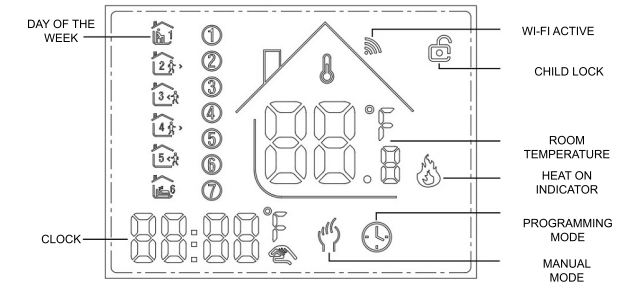


#### RESTORE POWER AND TEST:

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 up and down arrows, try raising 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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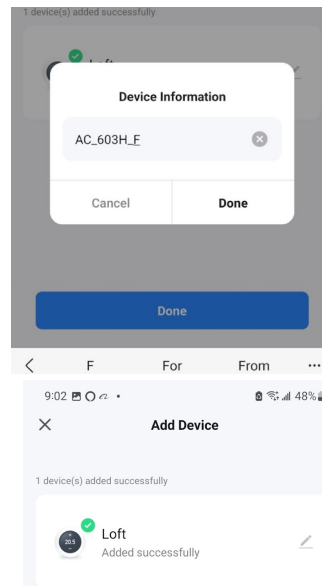
### HOME SCREEN:



- **ON-OFF Button** Short press to turn on or off
- ⊞ **MODE Button** Short press for manual or program mode
- 🕒 **Clock** Short press for time setting
- ⬆️ **Up arrow** to increase parameters for a given setting
- ⬇️ **Down arrow** to decrease parameters for a given setting

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4. Select **Small Home Appliance** from the categories on the left. Scroll down and choose **Thermostat (Wi-Fi)** from the choices.
5. The app should show the name of your 2.4 Ghz network(s) or phone hotspot. Enter the password for such a network and click **Next**.
6. On the device, hold the **Mode** ⊞ and the **Up** ⬆️ arrow simultaneously until the **Wi-Fi** icon begins to blink.
7. On the app, confirm that the Wi-Fi indicator is blinking. If so, choose **Blink Quickly**.
8. After 2 minutes or less, the app should find the device.



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9. The app will now show the new device and a suggested name, which you can change on the next screen. Select **Done**. To the right of the name, a pencil icon allows you to change the name. This name will also be used when giving voice commands to Alexa or Google Assistant.
10. 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 settings or program settings, enabling the child lock, etc.

11. At this point, you may reconnect the phone or tablet to the preferred network.

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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.
9. 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](http://kalortech.ideasolver.com), where you may download these instructions and additional material.

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