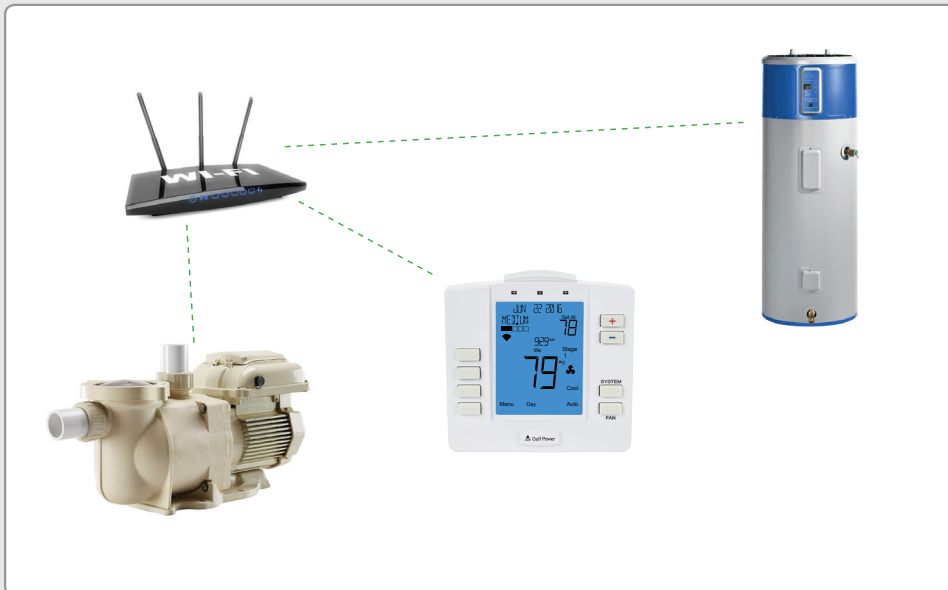


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Home Wi-Fi Network Configuration Guide

DirectLink



Gulf Power

How Do I Connect my Thermostat, Water Heater, or Pool Pump to my Wi-Fi Network?

Sometimes it might be necessary to move your Wi-Fi thermostat, water heater, or pool pump to a different Wi-Fi network, or simply reconnect to the current Wi-Fi network should it lose the connection. This will be required if you install a new Wi-Fi router, change your current Wi-Fi network name, or change your Wi-Fi network password.





Quick Reference Button Sequence

(Detailed Steps with Screenshots are on Pages 2 - 6)

Release Thermostat from Current Wi-Fi Network & Return to Configuration

Press:

MENU > OTHER > SELECT > NEXT

Use the  or  button to display **RESET WIFI > SELECT**

Connect to Wireless Network

Press:

MENU > OTHER > SELECT

Connect to the thermostat network (Ex. **Thermostat####**) on a Wi-Fi enabled device.

Open a web browser

Join the home Wi-Fi network

View Thermostat IP Address

Press:

MENU > OTHER > NEXT >

Release Thermostat from Current Wi-Fi Network & Return to Configuration

1. When the thermostat is not connected to your home Wi-Fi network, it will display the **“WIFI AP ERROR”** message on the home screen as shown in the picture below. On the thermostat home screen, press the **MENU** button to access the **PROGRAMMING MENU**. From the Programming Menu, press the **OTHER** button. The thermostat will now display **WIFI SETTINGS** menu.



2. Press the **SELECT** button to enter the **WIFI SETTINGS** menu. The top line should display the Wi-Fi network to which the thermostat is currently connected. (Example: HomeNet1)



1. Press the **NEXT** button. You should see '**CLIENT**' flashing at the top of the screen. The flashing indicates that the value can be changed. Press the **+** or **-** key to change the value to '**RESET WIFI**' and then press the **SELECT** button. This will release the thermostat from its current Wi-Fi router and return it to the Wi-Fi network **Configuration Mode**. The thermostat is now ready to join a new wireless network.



Connect to a Wireless Network

1. On the thermostat home screen, press the **MENU** button to access the **PROGRAMMING MENU**. From the Programming Menu, press the **OTHER** button. The thermostat will now display **WIFI SETTINGS** menu.



2. Press the **SELECT** button to enter the **WIFI SETTINGS** menu. The top line will display “**THERMOSTAT####**” SSID where ‘####’ represents the last four digits of the thermostats serial number (3349 in this example). This is the temporary network created by the thermostat which allows you to connect to it with a Wi-Fi enabled device such as your PC, smartphone, or tablet. Once connected to the thermostat with a device, you will then be able to connect it to your home Wi-Fi network.



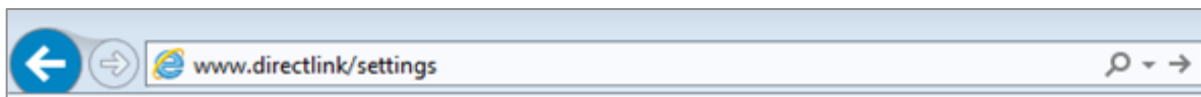
3. If the device that you are using (PC, tablet, smartphone) is already connected to the home Wi-Fi network that you are trying to join with the thermostat, you will need to **disconnect** that device from the network temporarily while you connect the thermostat. After disconnecting your device from the network, open the **Wi-Fi settings menu** on the device and select the “**THERMOSTAT####**” network. If prompted with a dialog box indicating that you are connecting to a non-secure network, select the **OK** or **CONTINUE** option. On a Windows PC the Wi-Fi list may look similar to the image below.



4. Once you have connected to the temporary “**THERMOSTAT####**” network, open up a web browser on your device (Chrome, Internet Explorer, Mozilla, Safari, etc.). It should automatically take you a page similar to the one shown below and you can proceed to **Step 5**. If it does not, see the additional instructions below.



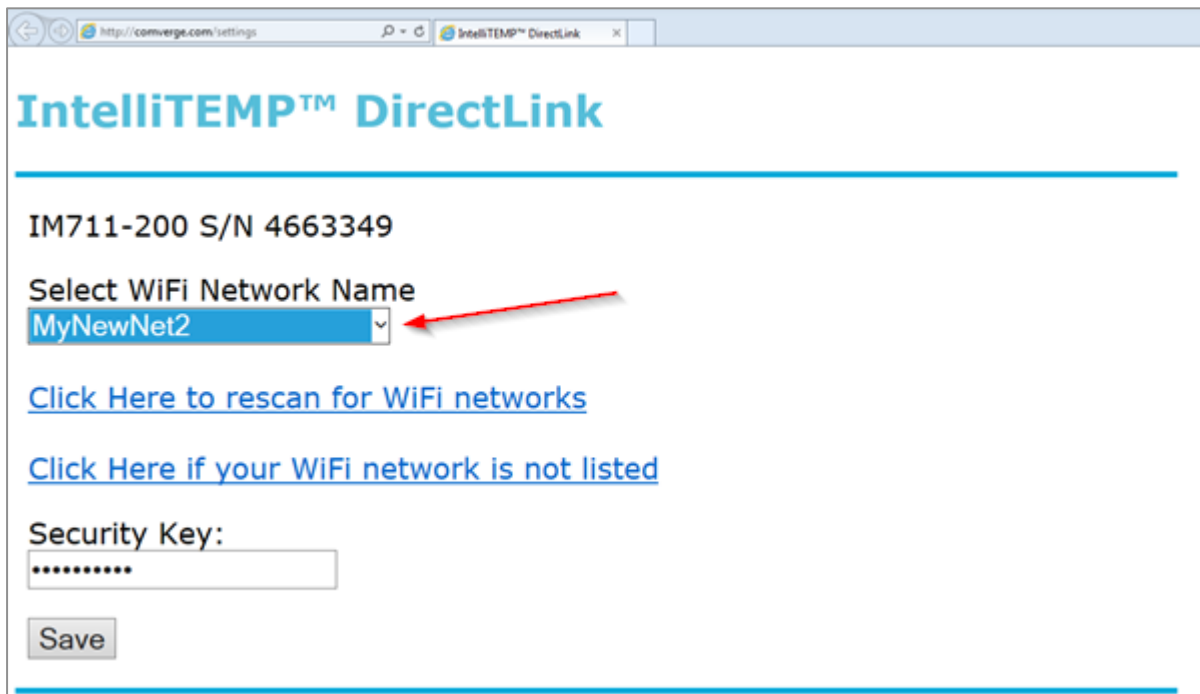
(Note: If your browser does not take you the page below, click in the browser’s address bar, type in the following: www.directlink/settings and press **ENTER**.)



If the browser still does not display the page then you will need to manually enter the **IP address** of the thermostat in the address bar and press Enter. Obtain the **IP address** from the thermostat by pressing the **NEXT** button while in the **Wi-Fi Settings Menu** mentioned in **Step 2** above. After pressing **NEXT**, you should see the IP address which might look something similar to the one shown below. (Ex. 165.254.2.1)



- Once you see the page below, select your home Wi-Fi network (SSID) from the pull down arrow. If your Wi-Fi router is set to not broadcast your SSID it will not show up in the list as an available choice. If this is the case then choose '**Not Listed**' and you can manually type in your Wi-Fi network SSID.



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IM711-200 S/N 4663349

Select WiFi Network Name

MyNewNet2

[Click Here to rescan for WiFi networks](#)

[Click Here if your WiFi network is not listed](#)

Security Key:

Save

- Once you have selected your network SSID you will need to enter your Wi-Fi network password in the box labeled '**Security Key**'. This is the password that you use to connect devices to your home Wi-Fi network.
- After entering the network name and password information click on the **SAVE** button. The webpage will now present an overview of the information that you just entered. Verify that it is correct and click on **APPLY**. After clicking **APPLY**, the thermostat will close the Wi-Fi connection to your PC, smartphone, or tablet and attempt to connect to your Wi-Fi router. If an error is encountered with the information that was entered, you will be prompted to return to the settings page and correct the error.

When you receive the below message, "**Configuration complete. Please close your browser page**" you can close the browser on your device. The thermostat should now be connected to your Wi-Fi network.



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Configuration complete. Please close your browser page

Connect Water Heater or Pool Pump to a Wireless Network

The procedure to connect your water heater or pool pump to a new wireless network is very similar to connecting the thermostat, but with fewer steps.

1. If the device that you are using (PC, tablet, smartphone) is already connected to the home Wi-Fi network that you are trying to join with the thermostat, you will need to **disconnect** that device from the network temporarily while you connect the water heater or pool pump. After disconnecting your device from the network, open the **Wi-Fi settings menu** on the device and select the “**Wifi-Switch####**” network. If prompted with a dialog box indicating that you are connecting to a non-secure network, select the **OK** or **CONTINUE** option. On a Windows PC the Wi-Fi list may look similar to the image below.

A screenshot of a Windows Wi-Fi network list. It shows a single network named "Wifi-Switch0173" in blue text. To the right of the text is a small icon of a Wi-Fi signal tower with three bars of increasing height.

2. After connecting to the water heater or pool pump device, follow Steps 4 – 7 listed in the thermostat section above to add the device(s) to your new network.

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