



★ YODER SMOKERS ★

UNDERSTANDING AND TROUBLESHOOTING WI-FI CONNECTIVITY

CONNECT FIREBOARD TO WIFI

Connecting your ACS Controller w/FireBoard to Wi-Fi gives you the ability to track temperatures and receive alerts while you're out and about. Additionally, connecting to Wi-Fi allows your ACS Controller to receive the latest firmware updates and enhancements.

To setup your Wi-Fi connection, visit the Devices screen in the app, click on your FireBoard, then Manage Wi-Fi. If your phone/tablet is already connected to your Wi-Fi, we'll auto populate your network name for you - just enter your network password and press OK. The FireBoard may take up to a minute to connect. Your network name will be displayed in your app once connected.

If you make several attempts to connect without success (invalid password, etc), your ACS Controller FireBoard's wireless settings may need to be reset. On the configure Wi-Fi screen, simply press the Reset Wi-Fi button, wait a few seconds then attempt to connect to Wi-Fi again. This action will remove any previously entered credentials that could possibly be causing an issue.

WIFI CONNECTIVITY

FireBoard is designed to connect to many types of wireless networks. If you're having trouble connecting to a particular network - start by using the Reset wireless networks option in the app. Pressing the Reset button will clear any previously saved networks from the FireBoard, including entries with potentially incorrect information. Once reset, try connecting again to your Wireless network in the app, making sure to type both network name and password correctly!

The FireBoard App will attempt to pre-populate the wireless network name field - but if you are typing it in, be aware that SSIDs are case sensitive!

SIGNAL STRENGTH AND FREQUENCY

If you are having trouble maintaining a wireless connection to your FireBoard, check out the tips we have below.

SIGNAL STRENGTH

Signal strength is represented in -dBm format (0 to -100). The closer the value is to 0, the stronger the signal. For example, -41dBm is a better signal strength than -61dBm. Anything lower than -70dBm will make it hard for the FireBoard to maintain a connection.

To check your signal strength on your ACS Controller w/FireBoard unit on the app, tap on Settings then select your device and tap on Device Log. Scroll down until you see signal level. Remember, if your connection is below -70dBm, you may experience connection issues.

If you do have a poor Wi-Fi connection, there are a few things you can try:

- Ensure your wireless network is 2.4 GHz
- Confirm that the antenna is secured tight to the hopper and that there is no visual damage.
(The antenna is located under the cart on comp cart models.)
- Move your wireless router closer to the FireBoard
- Remove any obstructions between the router and the ACS Controller
- Install a range extender on your network

FREQUENCY

New 5GHz wireless networks are designed to provide faster data transfer, but they sacrifice range and ability to transmit as effectively through building materials. Since the FireBoard transmits relatively little data, 2.4GHz networks are fully capable of handling the data transfer requirements.

The wireless module in all current generation FireBoards only supports 2.4GHz networks, primarily because you will have BETTER results using only 2.4GHz than with 5GHz.

Most routers supporting 5Ghz also already support (or are capable) of supporting 2.4GHz networks. If your SSID and password are the same for 5Ghz and 2.4Ghz on your router, this can cause an error when connecting. Make sure that you use a different password for each frequency.