



FLAME BOSS® 550 MANUAL

Version 1.0 | Download latest at FlameBoss.com/manuals

WELCOME AND THANK YOU!

You have now own the most accurate and easy to use smoker controller available, featuring WiFi and Bluetooth connectivity. If we can assist in your initial setup, or if you have additional questions, please allow us an opportunity to assist by emailing support@flameboss.com

WARNING: Important Safety Instructions

It is important for the safety of persons to follow these instructions. Save these instructions. Follow all instructions, as incorrect installation and use can lead to injury or property damage. Flame Boss 550 is intended for use only in dry, outdoor locations. Store the unit indoors in a dry location. If you know or suspect that the Flame Boss controller or power adapter has been exposed to excessive moisture or rain or was submerged in water, do not use the unit. The 12VDC power to the unit shall be supplied by a properly certified power adapter with SELV / LPS output. Use only the power adapter provided with the unit. Do not allow children to play with a Flame Boss 550. Keep away from children. Flame Boss 550 is not to be used by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge. Do not place or mount a Flame Boss 550 where it is exposed to excessive heat from the grill or smoker.

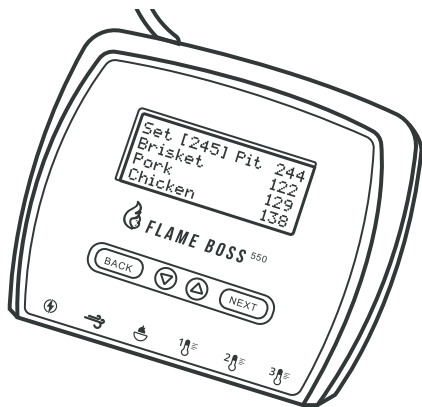


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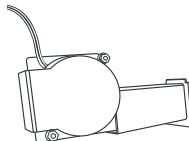
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WHAT'S INCLUDED

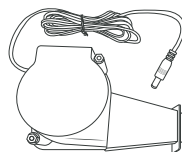
Flame Boss controller



Blower

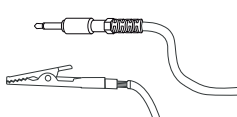


* Kamado

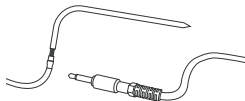


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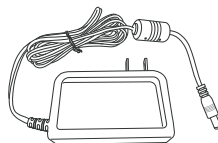
Pit temperature probe



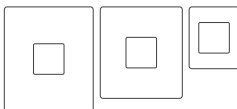
Meat temperature probe



12 V DC power supply

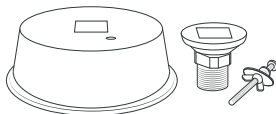


Adapter plates (3)



* Kamado

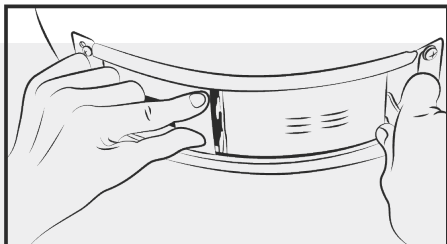
Manifold with fasteners



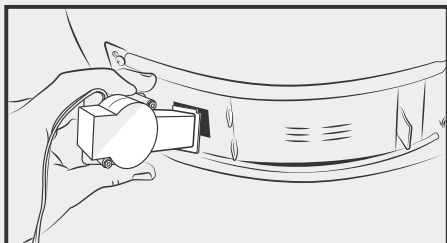
* Universal

KAMADO: BLOWER INSTALLATION

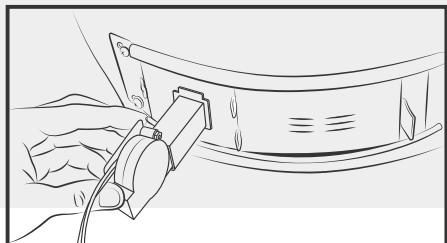
4



5

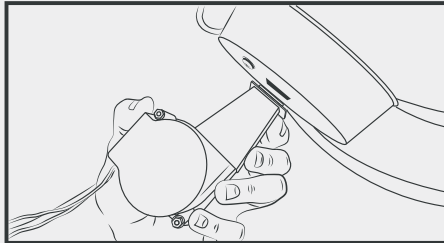


6

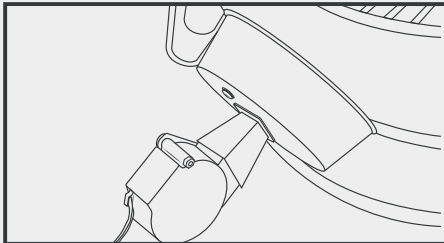


WEBER SMOKEY MOUNTAIN: BLOWER INSTALLATION

4



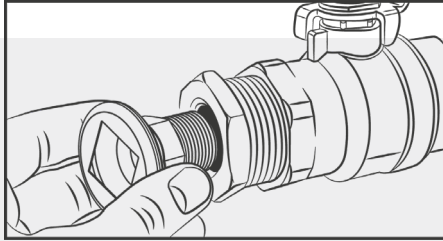
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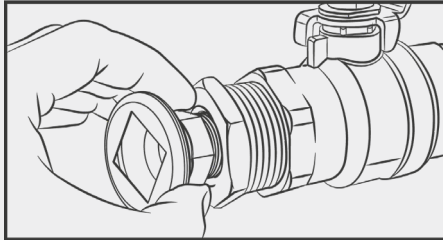
PIPE THREAD UNIVERSAL:

BLOWER INSTALLATION

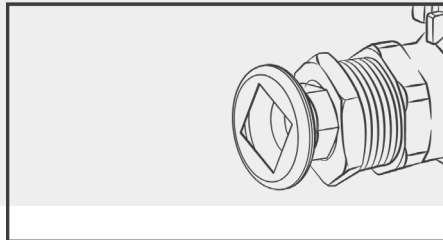
1



2

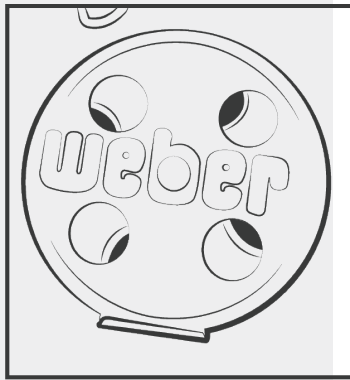
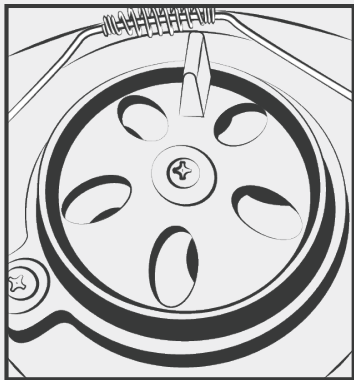


3



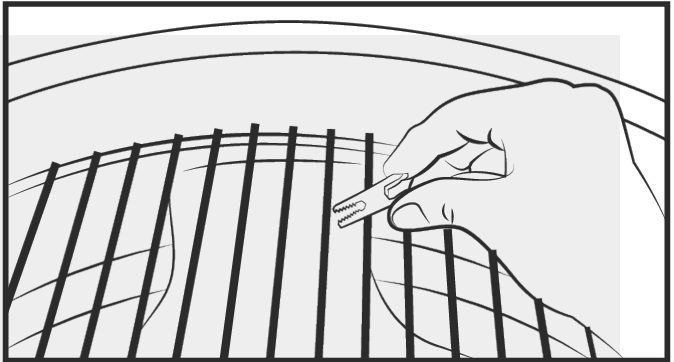
VENT CLOSURE

Pro tip: No matter the type of vent your smoker has, it is always best to set a small opening for best temperature control.

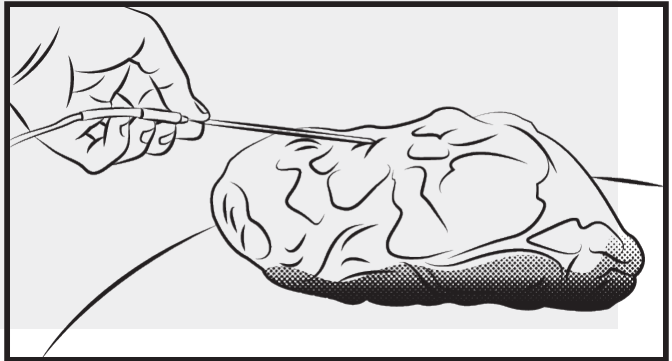


PROBE PLACEMENT

1



2



INSTALL FLAME BOSS MOBILE APP

Open the camera app on your tablet or smartphone and point it here:



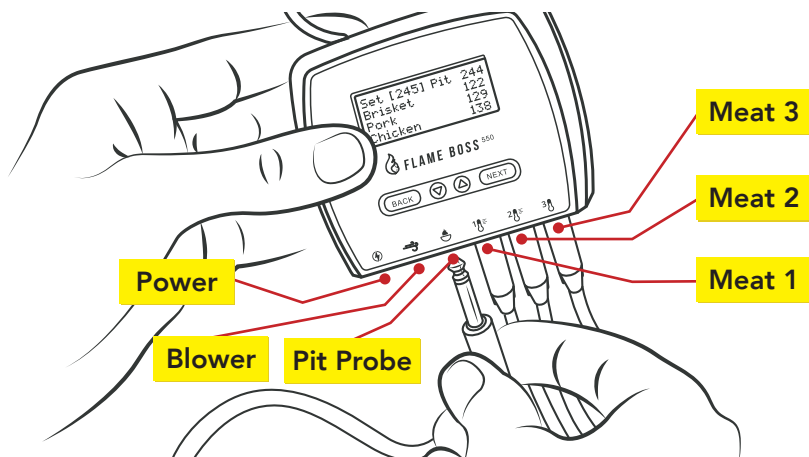
OR if you are unable to scan the code above, open the browser (Chrome or Safari, for example) on your tablet or smartphone and enter the following address: <https://myflameboss.com/app>

Follow the instructions in the Flame Boss app to set up WiFi.

USING FLAME BOSS

Flame Boss 550 uses a variable-speed blower that runs at the best speed to reach and maintain the desired temperature of your smoker.

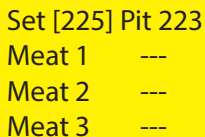
FlameBossWiFi/Bluetoothenabled deviceswill automatically install updated firmware when connected to the internet. To find an updated manual that might include new features, click the Manuals link in the mobile apps or go to FlameBoss.com/manuals.



The Flame Boss 550 has the capability of monitoring 3 meats at a time as shown by Meat 1, Meat 2, & Meat 3. You can change the names of meat probes using our web and mobile apps.

USING FLAME BOSS

Home Screen



Set [225] Pit 223
Meat 1 ---
Meat 2 ---
Meat 3 ---

The home screen shows the **set temperature**, **pit temperature**, **meat temperatures**., and blower output %.

The *set temperature* is the desired cooking temperature for your smoker or grill. To change the set temperature, press the ▼ or ▲ buttons.

Pressing **BACK** several times will bring you back to the home screen. The controller will also go back to the home screen after 15 seconds of inactivity.

MAIN MENU

>Meat Alerts
Pit Alerts
WiFi

From the home screen, press **NEXT** to access the main menu. Press ▼ or ▲ to scroll through the features.

Pit Alerts
WiFi
Advanced WiFi
> Other

Press **NEXT** to enter a feature.

Press **BACK** to return to the home screen.

FEATURES

You can configure any setting that has [] brackets around it.

▼ or ▲ cycles through the different options or values of the setting.

NEXT saves the settings and moves the brackets to the next configurable setting.

BACK moves the brackets to the previous setting

Pit Alarm

Pit Alarm
[Off]

▼ or ▲ turns the pit alarm mode to Off or On.

Pit Alarm
On
+/- Limit [20]

▼ or ▲ changes the pit alarm temperature range.

If the pit temperature goes outside this range from the set temperature, the pit alarm will trigger.

FEATURES

Meat Alarms

Meat Alarm [1]
Off

▼ or ▲ selects the meat alarm to configure.

Meat Alarm 1
[Off]

▼ or ▲ turns the meat alarm mode to Off, On, or On + Keep Warm.

Meat Alarm 1
On
[195] Done

▼ or ▲ changes the desired meat done temperature when the mode is set to On.

Meat Alarm 1
On + Keep Warm
[195] Done
[200] Keep Warm

▼ or ▲ changes the desired meat done temperature when the mode is set to On + Keep Warm.

Meat Alarm 1
On + Keep Warm
195 Done
[200] Keep Warm

▼ or ▲ changes the keep warm temperature when the mode is set to On + Keep Warm.

The set temperature will automatically adjust to the keep warm temperature to keep food warm after it reaches the meat done temperature.

WiFi SETUP USING MOBILE APPS

To set your controller in **Access Point Mode**, follow the screens below:

WiFi Mode
[Access Point]

▼ or ▲ toggles between Station and Access Point mode.

Select Access Point mode and press **NEXT**.

WiFi Status
AP Mode
SSID: FB-#####

The controller will display this WiFi Status indicating the controller is in Access Point mode.

The numbers, #####, following the FB- is the controller's device ID.

Ex: FB-32270 (This is the SSID and 32270 is the device ID)

* Refer to page 10 for instructions to download iOS or Android mobile app.

1. Using the mobile app, create a **MyFlameBoss.com** account and log in.
2. Once logged in, tap on the Controllers tab (2nd tab from the left) on the bottom of the app.
3. At the top of the Controllers tab, click the **Add** link and follow the steps shown.

WiFi SETUP USING CONTROLLER

WiFi Mode
[Station]

▼ or ▲ toggles between Station and Access Point mode. Selection Station mode and press **NEXT**.

WiFi Name (SSID)
> sabshomewifi
fb
fb-guest

▼ or ▲ cycles through available local networks detected by the controller. Select your WiFi Name and press **NEXT**.

WiFi Password
[→]

Press ▼ or ▲ to select a character.

Press **NEXT** to save character and move to next position.

This will duplicate the last character. Press ▼ or ▲ to select the next character and press **NEXT** to save the character and move to the next position. Repeat until all characters are entered.

WiFi Password
[password123→]

At the end of your password, you should have a duplicate of the last character. Press ▼ or ▲ to select → (Enter) and press **NEXT** to save.

WiFi Status
Joining fb

After saving your password, the controller will join your WiFi network.

Online! Visit
MyFlameboss.com
ID: 12345
Pin: 1234

Once connected, the display will show the ID & Pin of your controller.

ADVANCED WIFI (OPTIONAL)

WiFi MAC Address

2c:3a:e8:
22:12:75

This screen displays the controller's Station MAC Address.

IP Addr Method
[Auto (DHCP)]

or

IP Addr Method
[Static IP]

▲ or ▼ toggles between Auto (DHCP) and Static IP configuration.

**Auto (DHCP) is the default configuration.

IP Address
192.168.128. 62

IP Address
[192.168.128. 62]

▲ or ▼ changes each byte.

NEXT moves to the next byte.

This screen displays the controller's IP address when connected to a WiFi network.

Network Mask
[255. 0. 0. 0]

▲ or ▼ changes each byte.

NEXT moves to the next byte.

Network Gateway
[255.255.255. 0]

▲ or ▼ changes each byte.

NEXT moves to the next byte.

WiFi Status
Resetting

After configuring the Static IP Address, the controller will join your WiFi network.

Online! Visit
MyFlameboss.com
ID: 12345
Pin: 1234

Once connected, the display will show the ID & Pin of your controller.

OTHER MENU

Sound
> Off
Chirps
Chirps & Alarm

▼ or ▲ changes the type of sounds the controller makes.

Max Open Pause
[2:00]

▼ or ▲ changes the maximum time the controller will stay in *open pit mode* (controller disables the blower to avoid over-stoking the fire).

Temp Scale
> Fahrenheit
Celsius

▼ or ▲ changes the temperature scale.

Version
4.00.000

This screen displays the current firmware version of your controller.

SMART HOME CONNECTIVITY

Integrate the Flame Boss 550 to your preferred voice assistant devices for hands-free convenience. Check your pit and meat temp, alter desired temp settings all by voice commands.

Amazon Alexa Instructions:

Download the Amazon Alexa application for your mobile device and sign into your Amazon account. Go to "Skills" on the Alexa app to search and enable the Flame Boss skill or simply speak to your Alexa-enabled device and say "Alexa, enable Flame Boss." Now you can use a variation of the following voice commands:

Alexa, open Flame Boss.

Alexa, tell Flame Boss to change the set temperature to 300 degrees.

Alexa, ask Flame Boss for the temperatures.

Alexa, ask Flame Boss for the Meat 1 temperature.

Alexa, ask Flame Boss to tell me the set temperature.

Alexa, tell Flame Boss to forget my info.

Alexa, tell Flame Boss my controller ID is ____.

Alexa, tell Flame Boss my controller PIN is ____.

Alexa, tell Flame Boss to change the set temperature.

Alexa, tell Flame Boss to switch to Celsius/Fahrenheit.



This product contains ee_printf which includes the following notice:

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YOUR COOK**

