

**INSTALLER:** Leave these instructions with consumer. **CONSUMER:** Retain for future reference.

## PARTS LIST

ltem	Description	Part No.	Qty.
1.	Bluetooth control w/ wire harness	RF-BTSR1	1
2.	Bluetooth control	BTC-1	1
3.	Bluetooth control wire harness	WH-BT-04	1
4. or	Wood chunk (golden oak) Wood chunk (white birch)	WRC-1 WBC-1	1 1
5.	Harness extension (02 Series w/ remote - G46 02 models only)	WH-BT-02	1
6.	Harness extension (02 Series w/ remote - all other 02 models)	WH-BT-01	1
7.	7. Harness extension (mSeries - Direct Vent models) WH-BT-03		1
8.	Insulation tube (set of 2)	INT-01	1
9.	Battery (CR2450 3V) (not shown)	BATTERY-3	1
10.	Velcro strip	-	1
11.	Zip tie (not shown)	-	2



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## **GETTING STARTED**

#### **PRODUCT SPECIFICATIONS**

**Note:** This bluetooth device can only be controlled by one phone/tablet at a time.

Description	Specification
Dimensions	1.693" L x 1.29" W x .66"
Input voltage	3.0v (1 x CR2450 Coin Cell)
Operating temperature	0-50C (32F - 122F)
Bluetooth broadcast range	up to 10m / 30ft (line of sight)
Communications protocol	Bluetooth 4.0 LE
Warranty	24 months

Table 1 - Product Specifications

#### VERIFY COMPATIBILITY

This bluetooth control is compatible with select Real Fyre burner systems and electronic devices. See Table 2 and Table 3.

**Note:** Select models require a new harness extension to complete installation. The harnesses are included; use if needed for your setup. See the <u>PARTS LIST</u> for details.

Series	Burner Systems
	Vented
02	G22, G31, G45, G46, GR47, G52, PB, EPK-2, EPK-2M-AD
10	EC
11	G31, G45, G46, PB
	Unvented
12	G8E, G9, G10, G18, G19, G21
	Direct Vent
mSERIES	DVI

Electronic Device	Software Version	Models
Apple	iOS 10	iPhone 5
iPhone	& above	& above
Apple	2nd	iPad, iPad Mini,
iPad	generation	& iPad Pro
Android devices	Android 4.4 & above	All Android devices

Table 3 - Electronic Device Compatibility

Table 2 - Burner System Compatibility

#### **INSTALL BURNER SYSTEM / DIRECT VENT**

If not already done, follow the instruction manual(s) provided with your unit for proper installation. Be sure to shut off the gas supply once complete.

Then proceed to the following INSTALLATION AND BURNER CONFIGURATION section.

Videos and additional information are available online to assist with installation, app setup, and app operation.

Visit <u>www.realfyre.com/bluetooth-control/</u> or simply scan the QR code on the right.



#### **INSTALL/REPLACE BATTERY**

**Note:** It is recommended to insert the battery <u>after</u> wire installation, and just prior to placing the wood chunk / locating the bluetooth control in the fireplace.

The supplied battery must be installed. Locate the bluetooth control. Gently pry open the control using a small and thin flathead screwdriver or similar. Then insert the 3V battery, **ensuring the positive side (+) is facing up as shown.** 



#### INSTALL BLUETOOTH CONTROL AND CONFIGURE BURNER

The bluetooth control requires installation to the burner, and the burner must be configured to be ready for use via the App. Locate the appropriate section for your particular unit:

Note: When viewing electronically, click on any section (blue hyperlink) to advance to it.

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# 10,11, or 12 valve: Manual Setup

Follow the steps on the next 3 pages to install the bluetooth control, <u>and</u> configure the burner for app use.

A wiring diagram is also available below for quick reference.

For a video on setup, visit <u>www.realfyre.com/bluetooth-control/</u> and locate your model (as listed above).



G45 burner with 11 valve shown - design may vary, installation is the same.







Installation continued on next page







Continue to next page for details on setting burner system to proper positions.

## (To allow for use of remote app.)

#### CONFIGURE BURNER FOR APP USE:

Refer to the LIGHTING INSTRUCTIONS in the burner owner's manual, ensuring that:

- the gas supply is turned back on
- the pilot is lit
- the valve is in the ON position
- the toggle switch is in the ON position
- **Note:** This configuration does not allow for the burner to be manually lit via the toggle switch. The app must be used. If you desire original functionality to manually turn the unit on and off, disconnect the bluetooth control and return the wire connections to their original setup.

Installation is complete. Go to the <u>APP SETUP</u> section.

# 10,11, or 12 valve: Remote Setup

Follow the steps on the next 3 pages to install the bluetooth control, <u>and</u> configure the burner for app use.

A wiring diagram is also available below for quick reference.

For a video on setup, visit <u>www.realfyre.com/bluetooth-control/</u> and locate your model (as listed above).



G45 burner with 11 valve shown - design may vary, installation is the same.









Installation continued on next page



- The valve and remote heat shields MUST be placed.
- See next figure for details on bluetooth control location, and wood chunk requirements.
- <u>Reminder</u>: ensure the battery is installed at this stage. Refer to the <u>INSTALL/REPLACE BATTERY</u> section.
- Follow all instructions in owner's manual included with burner for complete details on proper remote placement.



#### CONFIGURE BURNER FOR APP USE:

Refer to the LIGHTING INSTRUCTIONS in the burner owner's manual, ensuring that:

- the gas supply is turned back on
- · the pilot is lit
- the valve is in the ON position
- the toggle switch is in the ON position
- the remote receiver is in the REMOTE position
- **Note:** This configuration does not allow for the burner to be manually lit via the toggle switch. The app must be used. If you desire original functionality to manually turn the unit on and off, disconnect the bluetooth control and return the wire connections to their original setup.

# Installation is complete. Go to the <u>APP SETUP</u> section.

# 02 valve (G46 Only): Manual Setup

Follow the steps on the next 3 pages to install the bluetooth control, <u>and</u> configure the burner for app use.

A wiring diagram is also available below for quick reference.

For a video on setup, visit <u>www.realfyre.com/bluetooth-control/</u> and locate your model (as listed above).



**Important:** Ensure batteries are removed prior to beginning.



#### Slide insulation in place







Installation continued on next page



#### CONFIGURE BURNER FOR APP USE:

Refer to the LIGHTING INSTRUCTIONS in the burner owner's manual, ensuring that:

- the gas supply is turned back on
- the ON/OFF switch is in the ON position
- **Note:** This configuration does not allow for the burner to be manually lit via the ON/OFF switch. The app must be used. If you desire original functionality to manually turn the unit on and off, disconnect the bluetooth control and return the wire connections to their original setup.

# Installation is complete. Go to the <u>APP SETUP</u> section.

# 02 valve (G46 Only): Remote Setup

Follow the steps on the next 3 pages to install the bluetooth control, <u>and</u> configure the burner for app use.

A wiring diagram is also available below for quick reference.

For a video on setup, visit <u>www.realfyre.com/bluetooth-control/</u> and locate your model (as listed above).



**Important:** Ensure batteries are removed prior to beginning.

**Note:** This model requires a new harness extension (included) to complete installation. See the <u>PARTS LIST</u>, and use the correct extension labeled "G46-02 ONLY".









Insert black harness wire into bluetooth control <u>black</u> wire. Then slide insulation over.



Slide insulation, connect <u>brown</u> wire <u>onto</u> <u>tab</u> of bluetooth control wire, put on insulation



Installation continued on next page



#### **CONFIGURE BURNER FOR APP USE:**

Refer to the LIGHTING INSTRUCTIONS in the burner owner's manual, ensuring that:

- the gas supply is turned back on
- the remote receiver is in the REMOTE position.
- IN ADDITION, flip the ON/OFF switch to the ON position.
- **Note:** This configuration does not allow for the burner to be manually lit via the ON/OFF switch. The app must be used. If you desire original functionality to manually turn the unit on and off, disconnect the bluetooth control and return the wire connections to their original setup.

## Installation is complete. Go to the <u>APP SETUP</u> section.

# 02 valve (Common): Manual Setup

Follow the steps on the next 3 pages to install the bluetooth control, <u>and</u> configure the burner for app use.

A wiring diagram is also available below for quick reference.

For a video on setup, visit <u>www.realfyre.com/bluetooth-control/</u> and locate your model (as listed above).



**Important:** Ensure batteries are removed prior to beginning.







Installation continued on next page



- <u>Reminder</u>: ensure the control battery is installed at this stage. Refer to the <u>INSTALL/REPLACE BATTERY</u> section. <u>Also replace the box batteries.</u>
- Follow all instructions in owner's manual included with burner for complete details on proper switch box placement.



Continue to next page for details on setting burner system to proper positions.

(To allow for use of remote app.)

#### CONFIGURE BURNER FOR APP USE:

Refer to the LIGHTING INSTRUCTIONS in the burner owner's manual, ensuring that:

- the gas supply is turned back on
- the ON/OFF switch is in the ON position
- **Note:** This configuration does not allow for the burner to be manually lit via the ON/OFF switch. The app must be used. If you desire original functionality to manually turn the unit on and off, disconnect the bluetooth control and return the wire connections to their original setup.

## Installation is complete. Go to the <u>APP SETUP</u> section.

# 02 valve (Common): Remote Setup

Follow the steps on the next 3 pages to install the bluetooth control, <u>and</u> configure the burner for app use.

A wiring diagram is also available below for quick reference.

For a video on setup, visit <u>www.realfyre.com/bluetooth-control/</u> and locate your model (as listed above).



Important: Ensure batteries are removed prior to beginning.

**Note:** This model requires a new harness extension (included) to complete installation. See the <u>PARTS LIST</u>, and use the correct extension labeled "ALL OTHER 02 VALVES".









- See next figure for details on bluetooth control location, and wood chunk requirements.
- <u>Reminder</u>: ensure the control battery is installed at this stage. Refer to the <u>INSTALL/REPLACE BATTERY</u> section. <u>Also replace the box batteries.</u>
- Follow all instructions in owner's manual included with burner for complete details on proper remote receiver box placement.



Continue to next page for details on setting burner system to proper positions.

## (To allow for use of remote app.)

#### CONFIGURE BURNER FOR APP USE:

Refer to the LIGHTING INSTRUCTIONS in the burner owner's manual, ensuring that:

- the gas supply is turned back on
- the remote receiver is in the REMOTE position.

# Installation is complete. Go to the <u>APP SETUP</u> section.

# Direct Vent Millivolt (mSeries) Setup

Follow the steps on the next 3 pages to install the bluetooth control, <u>and</u> configure the burner for app use.

A wiring diagram is also available below for quick reference.

For a video on setup, visit <u>www.realfyre.com/bluetooth-control/</u> and locate your model (as listed above).



**Note:** This model requires a new harness extension (included) to complete installation. See the <u>PARTS LIST</u>, and use the correct extension labeled "DVI ONLY".











Continue to next page for details on setting burner system to proper positions.

## (To allow for use of remote app.)

#### CONFIGURE DIRECT VENT FOR APP USE:

Refer to REMOTE LIGHTING of the LIGHTING INSTRUCTIONS in the direct vent owner's manual, ensuring that:

- the gas supply is turned back on
- · the pilot is lit
- the PILOT/ON/OFF control knob is in the ON position
- the remote receiver is in the REMOTE position
- the 3-position mode switch is in the REMOTE position

## Installation is complete. Go to the <u>APP SETUP</u> section.

## APP SETUP

## For videos on app setup and operation, visit <u>www.realfyre.com/</u> <u>bluetooth-control/</u> and locate the App Setup and App Operation videos.

#### **CREATE AN ACCOUNT**

Note: This app setup process must be repeated for each device in the household that will be used for operation.

Download the "RHP Connect" app from the Peterson website or by searching in your app store (see Fig. 33-1 for app logo). Then follow the prompts on your screen to create an account. See Fig. 33-2 through Fig. 33-4 for details.

- You will receive an e-mail with a confirmation code; please check junk/spam folders in case the e-mail gets blocked.
- For select devices, you can sign in using external platforms such as Google or Facebook.



Fig. 33-1 Download RHP Connect



Fig. 33-2 Select create account / sign up





#### **APP SETUP (Cont.)**

#### **CREATE AN INITIAL ZONE**

Once your account is created, proceed to the "Zones" screen, and if needed tap the ⊕ icon to enter the "New Zone" screen as shown below. Fill in the "Enter Location" field. The other fields should auto-fill. Then tap "Save Zone". See Fig. 34-1 and Fig. 34-2 for details.

**Note:** It is recommended you allow RHP Connect to access your location for full functionality of the app.



#### ADD YOUR DEVICE

Proceed past the "Zones" screen into the newly created zone. Follow the prompts to pair your device's bluetooth with the control unit. Once paired, the screen should appear as below (or similar). Fill in the fields as needed. Then tap "Connect". See Fig. 34-3 and Fig. 34-4 for details.

Note: You may need to gently tap your device on the control unit to pair.



#### APP SETUP (Cont.)

#### SETUP COMPLETE

Once you have successfully entered your unit, it will appear as shown below in the "Device" screen. Your remote is now ready. Proceed to the <u>OPERATION</u> section for details on use.



Fig. 35-1 Setup complete

#### FORGOT PASSWORD

Select "Forgot password" on the home screen. Then follow the prompts on your screen to update your password. See Fig. 35-2 through Fig. 35-4 for details.

• You will receive an e-mail with a confirmation code; please check junk/spam folders in case the e-mail gets blocked.







Fig. 35-4 Update password

## **OPERATION**

#### **BEFORE USE**

Ensure that the burner system and bluetooth control are installed, and that the burner system is in the proper positions to allow for use of the remote app. (See <u>INSTALLATION AND BURNER CONFIGURATION</u> section if needed.)

**Note:** This is a bluetooth device. It has a max range of operation of 30 feet, and can only be controlled by one phone/tablet at a time.

#### TURNING ON THE BURNER

- 1. Proceed to the Devices screen and select your unit. The remote screen will appear. See Fig. 36-1 and Fig. 36-2.
- 2. Tap the ON icon found on the bottom left of your remote screen (see Fig. 36-2).
- **3.** The burner will ignite and the screen will begin to display a center flame and moving sparks. The center flame and sparks flame indicate the bluetooth control is on. See Fig. 36-3.

WARNING: The burner ON/OFF status must be verified in person - it is an attended appliance.

WARNING: If the burner does not light, tap the OFF icon. Allow five (5) minutes for any gas in the unit to dissipate, then repeat process. IF YOU SMELL GAS, SEE STEP (B) AT BEGINNING OF LIGHTING INSTRUCTIONS IN YOUR BURNER INSTRUCTION MANUAL.

If the unit fails to light, see BEFORE USE above.

#### TURNING OFF THE BURNER

- **1.** From the remote screen, tap the OFF icon found on the bottom left of your screen. The burner will turn off and the screen will no longer display moving sparks. See Fig. 36-2.
  - If you turn the burner on using the remote app, turn off using the remote app.
  - If you are unable to turn off the burner using the remote app, turn off by switching the manual switch on the burner system to the OFF position.
  - If you turn the burner on using the burner or remote transmitter, turn off using the burner/remote transmitter.
  - App does not turn off (or on) standing pilots (if applicable).



Fig. 36-1 Select Device



Fig. 36-2 Tap ON/OFF icon



Fig. 36-3 Screen during ON setting

#### **OPERATION** (Cont.)

#### **CHECKING THE BATTERY**

The remote screen displays a battery icon on the bottom right of the screen. Tap the icon to enter and view the battery level. Tap the confirm icon to exit the screen. See Fig. 37-1 and Fig. 37-2.

#### SETTINGS

The remote screen displays a settings icon on the bottom right of the screen. Tap the icon to enter and view the settings. Adjust as needed. Tap the confirm icon to exit the screen. See Fig. 37-1 and Fig. 37-2.

**Note:** Turning the Notifications to "On" will enable a 2 hour reminder on your phone. This features informs you that the burner has been on for 2 hours, via a pop up notification. To disable, simply turn off the Notifications option. See Fig. 37-2.



## **OPERATION (Cont.)**

#### ADDING, EDITING, DELETING A NEW ZONE OR DEVICE

- To add an additional zone or device, tap the ⊕ icon found on the top right of your screen (see Fig. 38-1 or Fig. 38-2).
- To delete a zone or device, slide your finger across the desired unit, and tap "Delete" (see Fig. 38-1 or Fig. 38-2).
- To edit an existing zone, slide your finger across the desired zone, and tap "Edit" (see Fig. 38-1).

### LOGGING OUT

To log out, simply click on the logout icon and then tap yes (see Fig. 38-3).

Note: To prevent unwanted use, it is recommended to log out after device is turned off.



Fig. 38-1 Add/Edit/Delete Zone



Fig. 38-2 Add/Delete Device



Fig. 38-3 Logging out

## TROUBLESHOOTING

#### INSTALLATION OR APP USE ISSUES

If you have trouble with the <u>bluetooth control installation or app use</u>, please reference this list below to identify the problem.

SYMPTOM	PROBABLE CAUSE	CORRECTIVE ACTION
	1. Incorrect wiring setup	1. Refer to <u>INSTALLATION AND BURNER CONFIGURATION</u> section to ensure proper installation.
	2. Phone out of range of bluetooth control	f <b>2.</b> Ensure phone is within 30 feet or less of the control.
	3. Dead battery	3. Refer to INSTALL/REPLACE BATTERY section for details.
Burner system will not turn on	4. Battery installed backward	4. Reverse battery in bluetooth control. Refer to <u>INSTALL/</u> <u>REPLACE BATTERY</u> section for details.
	5. Electronic device not paire with bluetooth control	<b>5.</b> Pair device (refer to <u>ADD YOUR DEVICE</u> section for details).
	6. Faulty bluetooth control	6. Check/replace bluetooth control.
Bluetooth control	1. Electronic device not paire with bluetooth control	<b>1.</b> Pair device.
does not respond to electronic device	2. App update needed	2. Check for App updates.
	3. Loose wires	3. Check all wires are connected properly.
	1. Phone out of range of bluetooth control	f <b>1.</b> Ensure phone is within 30 feet or less of the control.
	2. Dead battery	2. Refer to INSTALL/REPLACE BATTERY section for details.
Burner system will	<b>3.</b> Burner was not turned o with the Remote App	<b>3.</b> If you turned the burner on using the burner or remote transmitter, turn off using the burner/remote transmitter.
not turn off	<b>4.</b> Unable to locate or use th Phone App	<b>4.</b> If you are unable to turn off the burner using the remote app, turn off by switching the manual switch on the burner system to the OFF position.
	5. Faulty bluetooth control	5. Check/replace bluetooth control.

#### **TECHNICAL APP ISSUES**

If you need assistance on a <u>technical issue related to the app (log in, connectivity, etc.)</u>, please e-mail the app support department <u>support@app-assist.com</u>.

#### **BURNER SYSTEM ISSUES**

If you have trouble with the <u>installation or operation of the burner system</u>, see the TROUBLESHOOTING section of the manual included with your burner.

If the information on this page does not resolve your issue, please contact your local dealer, e-mail our general support department: <a href="mailto:support@rhpeterson.com">support@rhpeterson.com</a>, or visit our web site at <a href="mailto:www.rhpeterson.com">www.rhpeterson.com</a>.

## NOTES PAGE

Please use this page to record any information that you may want to have at hand.