

# INSTALLATION MANUAL



# WIFI UPGRADES

For Valor L1, L1 See Thru, L2, L3, LT1, LT2 , LX1, LX2, H5, H6, and P2 Heaters

## Introduction

The Valor L1, L1 See Thru, L2, L3, LT1, LT2, LX1, LX2, H5, H6 and P2 fireplaces may be upgraded with a WiFi module, allowing the homeowner to connect the fireplace onto the home's WiFi system and control it using the Valor 10 app on a smart device (which must be within WiFi range).

There are separate general requirements for each major style of fireplace. Make sure to follow the instructions for each style.

## Electrical Requirements

A grounded, single phase, 115VAC power supply is required for operation of the WiFi system.

If the AC main power is lost, WiFi operation will be lost also. Remote operation of the fireplace (using the remote handset or wall switch) can still be achieved if battery power is already supplied and available.

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### WARNING

**All electrical installations must be performed by a qualified electrician and must be electrically wired and grounded in accordance with local codes, or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 or the Canadian Electrical Code, CSA C22.1.**



### Caution

When installing any cables or wires in the steps listed, be sure to gather any extra wire with cable ties and prevent them touching the firebox or other hot metal surfaces in the fireplace!



### Attention!

If the AC receptacle in your fireplace has not been connected, see your *Installation Manual* for instructions, or hard wire back to available power (consult local electrical codes).

# Hardware Specifications

## All Models

### Hardware Requirements

Depending on which model fireplace you are installing the upgrade on, the hardware required will be different. There are three different hardware kits that may be required. They are listed below by fireplace - check your fireplace's information card to identify its model.

**Any kit marked with a ✓ is required - be sure you have all required kits before starting the upgrade.**

Kit	Description	Linear Fireplaces (L, LX, and LT)					H5 and H6 Fireplaces		P2 Fireplaces
		1500I, 1700I	1500J, 1700J, 1800J, 2200J	1500K, 1600K, 1700K, 1800K	2100K, 2200K	2500K, 2700K	1100M, 1400M	1100I, 1100J, 1150I, 1150J, 1400I, 1400J, 1400K	200A
RCK400	Valor 10 Receiver / Remote Kit	✓	✓	Included	Incl	Incl	Included	✓	Included
n/a	Junction Box	**	**	Included	Incl	Incl	Incl with H6 1400M		
H5/6-WPK	H5 and H6 WiFi Power Kit						† H5 1100M only	†	
P2-WPK	P2 WiFi Power Kit								‡
GV60VM	V-Module Kit (V3)	✓	✓	✓		Incl	* †	* †	‡
GV60WIFI	WiFi Module Kit	✓	✓	✓	✓	✓	✓	✓	✓

- \* If your H5 or H6 has an 1195CFK optional fan kit installed, verify the power module installed is a G6R-BUMV3 (see GV60 (V-Module Kit) on next page for details). If it is not a V3, you will need to order the GV60VM kit.
- \*\* Series I and J Linears: If no electrical accessories are already installed, a standard junction box with receptacle must be installed. See your fireplace's installation manual.
- † If your H5 or H6 has no fan kit installed, you will need to order the GV60VM and H5/6-WPK kits.
- ‡ If your P2 has no fan kit installed, you will need to order the GV60VM and P2-WPK kits.

### Notes - Existing Electrical Accessories

#### L1 1500, L2 1700 or L3 1800 fireplaces

- Your fireplace may have been already installed with an optional fan (1595CFK) and/or optional lighting kit (1565LLK). These kits are operated independently from the remote control and cannot be operated with the WiFi system and Valor 10 Remote Control or Valor 10 Application.
- If an optional 1595CFKV2 fan has been installed, it has a GV60VM V-Module already and can be operated by WiFi/ Valor 10 Remote control and Application.

#### LX1 2100 or LX2 2200 fireplaces

- Your fireplace is supplied with ambient lighting above the burner. The lighting can be operated with the WiFi system, Valor 10 Remote Control or Valor 10 Application. The existing V-Module provided with these fireplaces may not be compatible with the WiFi upgrade, in which case, you may need the V-Module Kit GV60VM - see specifications of required components next page.

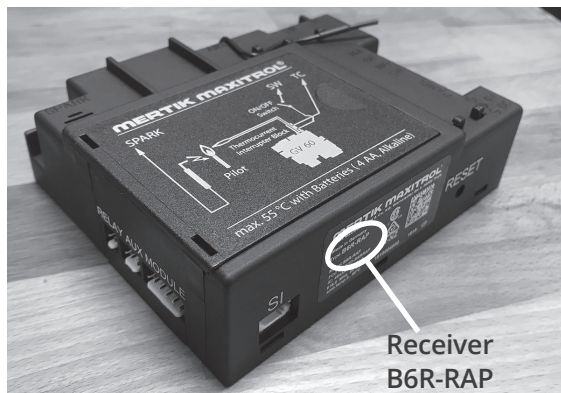
#### Note

If you are unsure of whether the equipment in your installation meets requirements, please contact your local Valor dealer: [valorfireplaces.com/contact/](http://valorfireplaces.com/contact/)

# Hardware Specifications

## All Models

RCK400 (Remote Control Kit)	Part No.
Receiver Valor 10 Two Way B6R-RAP	4005597
Valor 10 Handset Black	4007548
Valor 10 Handset Wall Holder	4004459
Battery Holder BH-343-3B6	4006553
Battery Box Cable 1500 mm	4006552
Velcro 3/4" Wide Loop Self Adhesive (2)	4000022
Velcro 3/4" Wide Hook Self Adhesive (2)	4000023
Cable Tie	4005524
AAA Batteries for Handset (2)	4002084
AA Batteries for Battery Holder (4)	4006432
GV60 Valor 10 Remote Control Operation Manual	



Valor 10  
Remote  
Control  
Handset

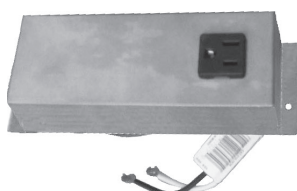


Handset  
Wall Holder



Battery  
Holder BH-  
343-3B6

H5/6-WPK (WiFi Power Kit for H5 & H6)	Part No.
Electrical Housing	4004450
Electrical Snap-In Socket	4006368



H5/6-WPK  
WiFi Power  
Kit for H5  
and H6

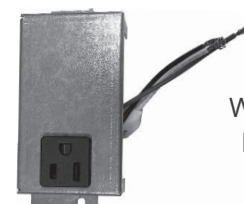
GV60VM (V-Module Kit)	Part No.
V-Module - Relay Box G6R-BUMV3	4002530
Cable Module to Receiver G6R-CB10	4008199
Power Cord Assembly 18GA-1MTR	4006350
Velcro 3/4 Wide Loop Self Adhesive	4000022
Velcro 3/4 Wide Hook Self Adhesive	4000023
Cable Tie	4005524



GV60WIFI (WiFi Module Kit)	Part No.
WiFi Module Box (v3) B6R-W3ZV	4007685
WiFi Cable (1000 mm) G60-ZCSW1000	4007686
Velcro 3/4 Wide Loop Self Adhesive	4000022
Velcro 3/4 Wide Hook Self Adhesive	4000023
Cable Ties 3.5" (2)	4000960



P2-WPK (WiFi Power Kit for P2)	Part No.
Electrical Housing	4010814
Electrical Snap-In Socket with wires	4006368
#8 - 32 K-Lock Nut W/External Tooth Lock Washer	4011482
#8 - 32 Hxagonal Nut Plated	4001517
16GA 150 MM Ground Wire w/Ring Terminal Connector	4011483
Screw 8 x 3/8 Tapping PN HD PH	100A757

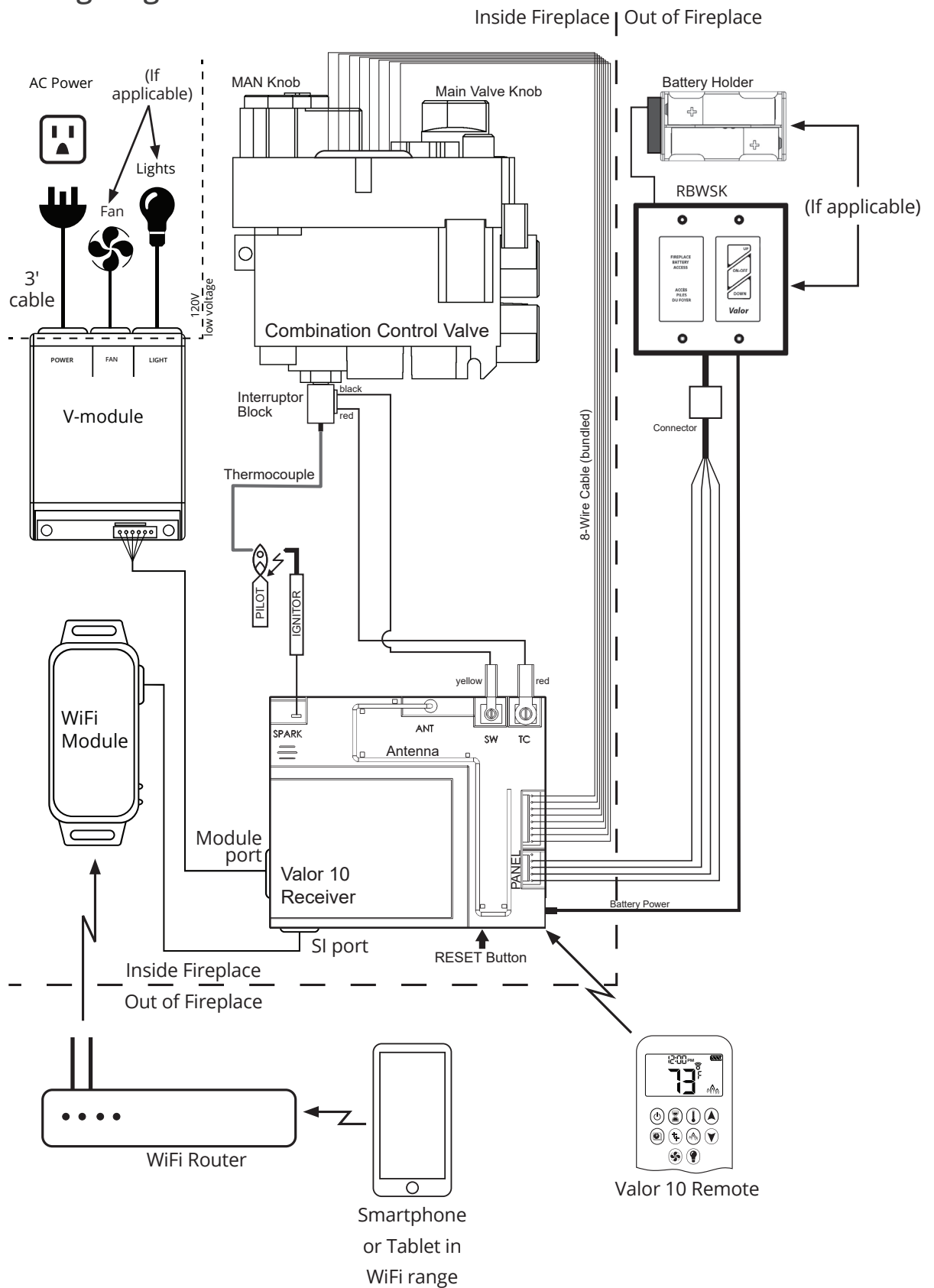


P2-WPK  
WiFi Power  
Kit for P2

# Wiring Diagram

All Models

## Wiring Diagram



# H5/6 Power Kit (H5/6-WPK) H5 and H6 Models

## Note

This Section only applies to **all H5 and H6 fireplaces that do not have the optional 1195CFK fan kit or an AC receptacle already installed**. Skip this page if this does not apply.

## Hardware

The H5/6-WPK kit consists of:

- An electrical housing
- An electrical snap-in socket

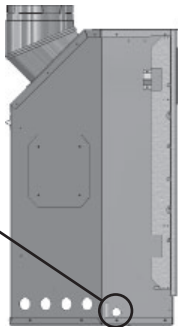
See *Hardware Requirements* on page 2 for full details.

## Installing the WiFi Power Kit

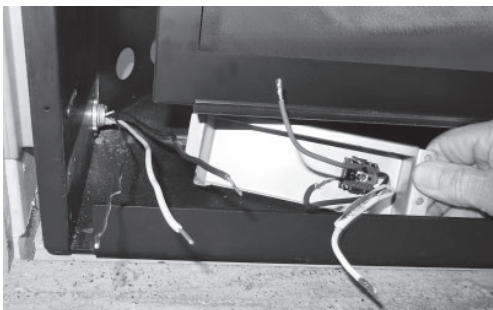
See "Wiring Diagram" on page 4 for details.

1. Make sure supply power is disconnected before proceeding.
2. Thread the home's electrical wire inside the appliance casing on the left hand side using an approved wire clamp for the type of wire used (not included). Do not tighten the wire clamp just yet to allow for wire adjustment.

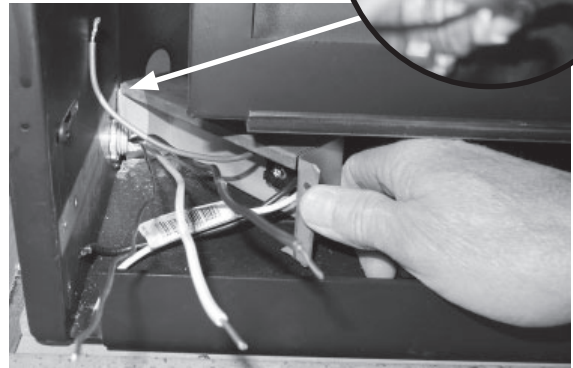
Electrical wiring enters through the left hand side of the appliance case (front round hole)



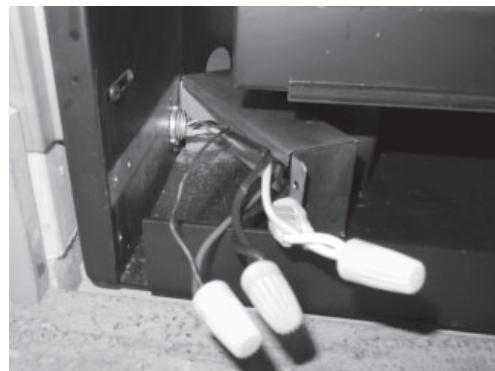
3. Place the junction box cover in the front left corner of the appliance case.



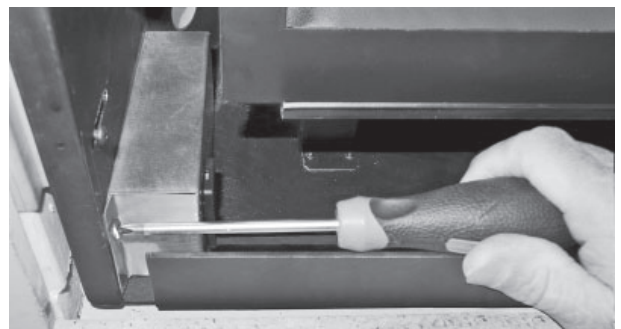
4. Slide the tab at the far end of the box into the slot of the appliance case located right behind the cable clamp. Ensure the wires are not pinched between the junction box and the appliance case.



5. Connect the corresponding wires and cap them with wire nuts.



6. Tuck the wires inside the junction box and hold it against the appliance case while pushing any excess wire out through the wire clamp.
7. Tighten the wire clamp outside of the appliance case.
8. Fix the junction box to the appliance (1 screw).



Proceed to **V-Module Kit (GV60VM)** for H5 and H6 models on page 8



# P2 Power Kit (P2-WPK)

## P2 Models

### Note

This Section only applies to **all P2 fireplaces that do not have the optional 255CFK fan kit or an AC receptacle already installed**. Skip this page if this does not apply.

### Hardware

The P2-WPK kit consists of:

- An electrical housing
- An electrical snap-in socket

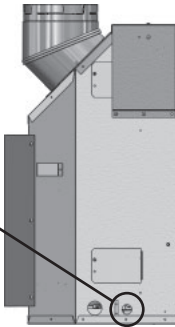
See *Hardware Requirements* on page 2 for full details.

### Installing the WiFi Power Kit

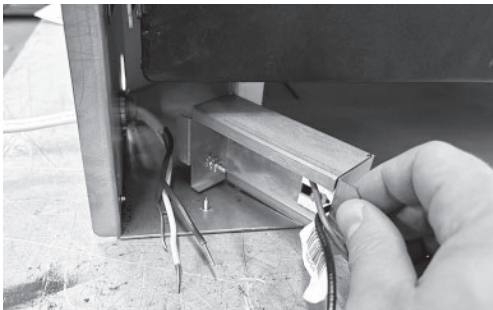
See "Wiring Diagram" on page 4 for details.

1. Make sure supply power is disconnected before proceeding.
2. Thread the home's electrical wire inside the appliance casing on the left hand side using an approved wire clamp for the type of wire used (not included). Do not tighten the wire clamp just yet to allow for wire adjustment.

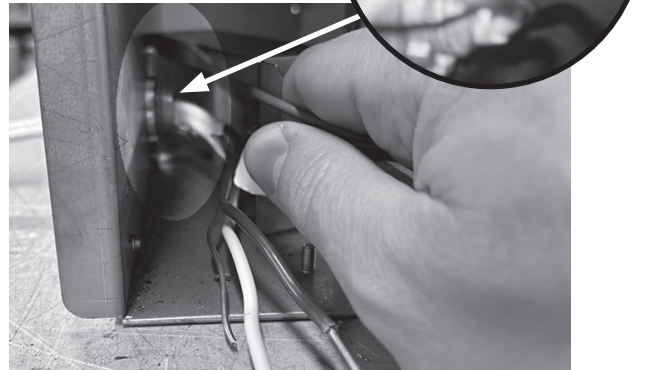
Electrical wiring enters through the left hand side of the appliance case (front round hole)



3. Place the junction box cover in the front left corner of the appliance case.



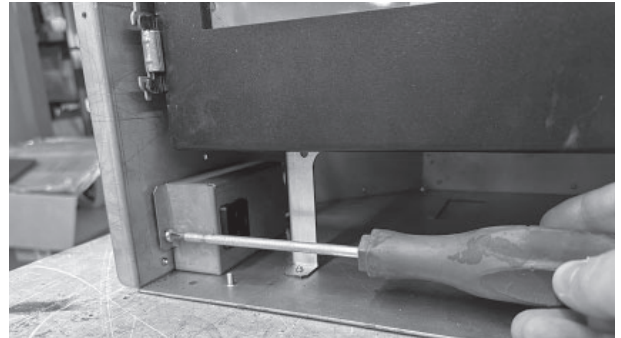
4. Slide the tab at the far end of the box into the slot of the appliance case located right behind the cable clamp. Ensure the wires are not pinched between the junction box and the appliance case.



5. Connect the corresponding wires and cap them with wire nuts.



6. Tuck the wires inside the junction box and hold it against the appliance case while pushing any excess wire out through the wire clamp.
7. Tighten the wire clamp outside of the appliance case.
8. Fix the junction box to the appliance (1 screw).



Proceed to **V-Module Kit (GV60VM)** for P2 Models on page 9.

# V-Module Kit (GV60VM)

## Linear Models

### Note

This Section only applies to **1500I/J, 1700I/J, 1800J, and 2200J fireplaces, linear models with an incompatible V-Module (V2 or earlier), or linear models lacking a V-Module entirely**. Skip this page if this does not apply.

### Hardware

The GV60VM kit consists of:

- V-Module
- AC power cable
- Receiver connector cable

See "Hardware Requirements" on page 2 for full details.

### Removing an Old V-Module

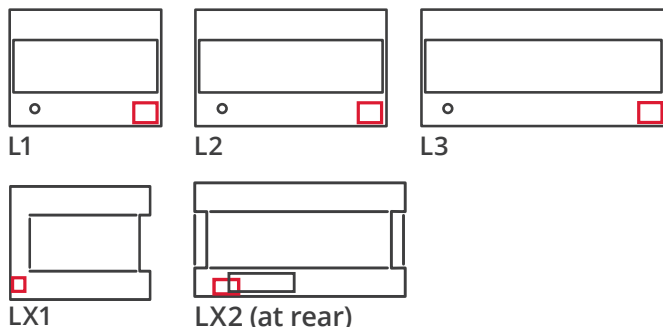
Only carry out these steps if removing a V2 or earlier V-Module.

1. Disconnect power to the power receptacle.
2. Disconnect the AC plug from the power receptacle.
3. Disconnect the fan cable (if installed) from the fan.
4. Disconnect the cable from the MODULE port on the Receiver.
5. Remove the old V-Module with AC power cable, fan, and Receiver cable.

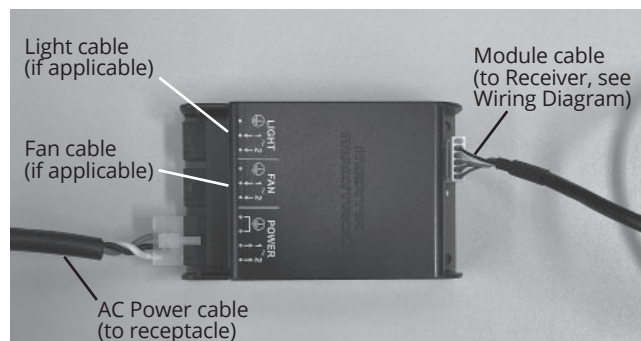
### Installing the V-Module

See "Wiring Diagram" on page 4 for details.

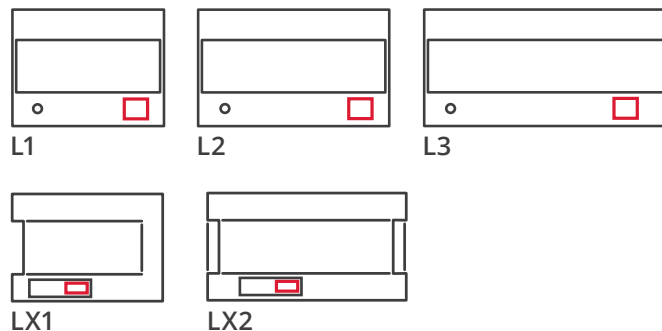
1. Disconnect power to the appliance.
2. Connect the AC power cable's Molex connector to the POWER terminal of the V-Module.
3. Plug the power cable into the fireplace's AC receptacle. The receptacle is located inside the fireplace. Its position for each appliance is indicated below by the red rectangle.



4. Connect one end of the V-Module's Receiver terminal cable (white connector) to the MODULE Port on the Receiver, and the other end to the V-Module.
5. Connect the fan/light Molex connectors (if applicable).



6. Attach Velcro and place the V-Module as close to the location indicated in the diagrams below as possible, inside the front panel of the fireplace. The placement should be close to the power receptacle.



### Note

The V-module should be placed as close to the Receiver as possible depending on your fireplace.

In L2 and L3, there is a grommeted hole in the front panel stiffener you may pass cabling through as needed.

Proceed to **Remote Kit (RCK400)**.

# V-Module Kit (GV60VM)

## H5 and H6 Models

### Note

This Section only applies to **1100I/J, 1150I/J, 1400I/J, 1400K, and 1100M** fireplaces, those with **an incompatible V-Module (V2 or earlier), or those lacking a V-Module entirely**. Skip this page if this does not apply.

### Hardware

The GV60VM kit consists of:

- V-Module
- AC power cable
- Receiver connector cable

See "Hardware Requirements" on page 2 for full details.

### Removing an Old V-Module

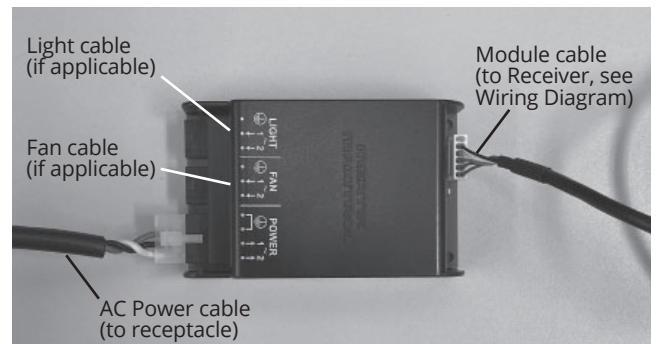
Only carry out these steps if removing a V2 or earlier V-Module.

1. Disconnect power to the power receptacle.
2. Disconnect the AC plug from the power receptacle.
3. Disconnect the fan cable (if installed) from the fan port.
4. Disconnect the light cable (if installed) from the light port.
5. Disconnect the cable from the MODULE port on the Receiver.
6. Remove the old V-Module with AC power and Receiver cables.

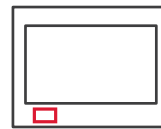
### Installing the V-Module

See "Wiring Diagram" on page 4 for details.

1. Disconnect power to the appliance.
2. Connect the AC power cable's Molex connector to the POWER terminal of the V-Module.
3. Plug the power cable into the fireplace's AC receptacle. The receptacle is located inside the fireplace in the bottom left corner.
4. Connect one end of the V-Module's Receiver terminal cable (white connector) to the MODULE Port on the Receiver, and the other end to the V-Module.
5. Connect the fan/light Molex connectors (if applicable).



6. Attach Velcro and place the V-Module as close to the location indicated in the diagram below as possible, inside the bottom of the fireplace.



H5/H6

### Note

The V-module should be placed as close to the Receiver as possible depending on your fireplace.

Proceed to **Remote Kit (RCK400)**.



# V-Module Kit (GV60VM)

## P2 Models

### Note

This Section only applies to **200A fireplaces with an incompatible V-Module (V2 or earlier), or those lacking a V-Module entirely**. Skip this page if this does not apply.

### Hardware

The GV60VM kit consists of:

- V-Module
- AC power cable
- Receiver connector cable

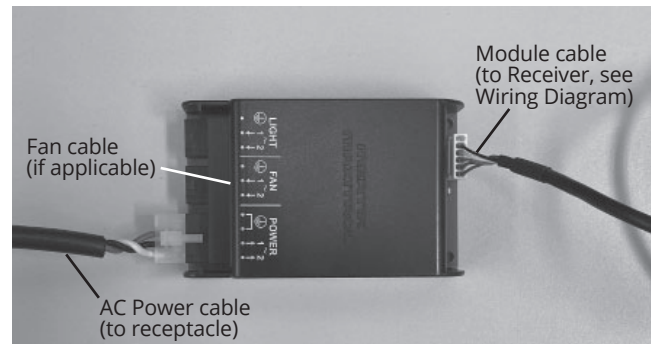
See "Hardware Requirements" on page 2 for full details.

### Installing the V-Module

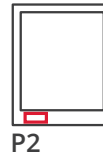
See "Wiring Diagram" on page 4 for details.

1. Disconnect power to the appliance.
2. Connect the AC power cable's Molex connector to the POWER terminal of the V-Module.
3. Plug the power cable into the fireplace's AC receptacle. The receptacle is located inside the fireplace in the bottom left corner.
4. Connect one end of the V-Module's Receiver terminal cable (white connector) to the MODULE Port on the Receiver, and the other end to the V-Module.

5. Connect the fan Molex connector (if applicable).



6. Attach Velcro and place the V-Module as close to the location indicated in the diagram below as possible, in the back left corner of the bottom of the fireplace, behind the receiver.



### Note

The V-module should be placed as close to the Receiver as possible depending on your fireplace.

Proceed to **Remote Kit (RCK400)**.

# Remote Kit (RCK400)

## Note

This section applies to **1500I/J, 1700I/J, 1800J, 2200J, 1100I/J, 1150I/J, 1400I/J, and 1400K fireplaces, or fireplaces without a Valor 10 receiver and handset already included.** Skip this page if this does not apply.

## Hardware

The RCK400 kit consists of:

- Receiver
- Valor 10 remote handset\*
- Valor 10 handset wall holder
- Battery holder\*\*
  - Battery holder cable

## Notes

\* The handset contains the temperature sensor and is therefore **required** to use any thermostatic functions via the app.

\*\* If there is already an existing battery holder and cable installed in your fireplace, you may continue to use it.

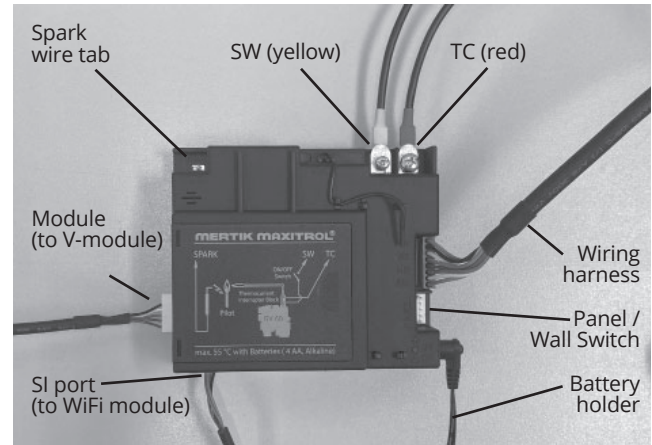
See "Hardware Requirements" on page 2 for full details.

## Installing the Receiver

See "Wiring Diagram" on page 4 for details.

1. Disconnect power from the fireplace.
2. Label wires and disconnect from existing Receiver. See Wiring Diagram on page 4 for reference. These include:
  - SPARK (Ignitor) wire
  - SW (yellow) wire
  - TC (red) wire
  - Wiring harness to the control valve
  - PANEL wire to remote wall switch (if applicable)
  - Battery holder cable (if applicable)
  - MODULE wire to V-Module (if applicable)
3. Remove old Receiver.


4. Reconnect the wires listed in Step 1 to the new Receiver.



5. Place Velcro tabs onto the new Receiver, and place it in the original location. Make sure the RESET button is facing the direction of easiest access.

## Synchronize New Remote Control

Your new Receiver comes with a Valor 10 handset. The Receiver and the handset must be initially paired before the first use. (Note that batteries must already be installed in the wall mounted battery holder)

1. Insert two 1.5 V AAA **alkaline** batteries in the handset.
2. Locate the RESET button on the front side of the Receiver.
3. With a thin object, press and hold the Receiver's RESET button until you hear one short and one long beeps. After the second beep, release the reset button.
4. Within the subsequent 20 seconds, press and hold the  button on the remote handset. **CONF** will be displayed on the handset during the pairing sequence. You will hear two short beeps confirming the pairing is done.

If you hear one long beep, the pairing sequence has failed or the wiring is incorrect.

This is a one time pairing only and is not required when changing the batteries of the handset or battery holder. The remote control system is now ready to use.

If desired, mount the wall holder to the wall, no closer than 3' to the fireplace. Do not mount the wall holder above the fireplace.

Proceed to **Wifi Module Kit (GV60WIFI)**.

# WiFi Module Kit (GV60WIFI)

## Note

This Section applies to **all fireplaces**.

## Hardware

The GV60WIFI kit consists of:

- WiFi module
- Receiver connector cable

See "Hardware Requirements" on page 2 for full details.

## Installing the WiFi Module

See "Wiring Diagram" on page 4 for details.

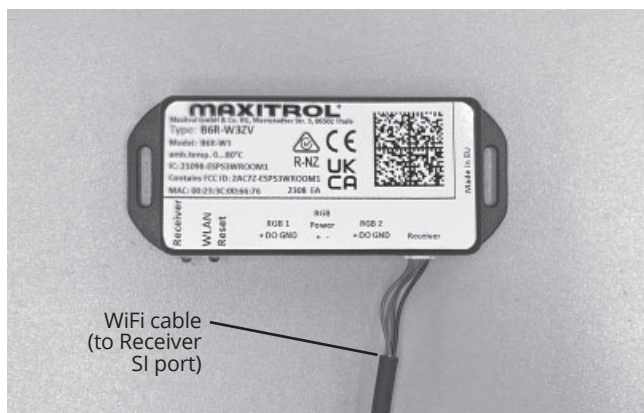
1. Disconnect all power sources (even if you just installed the Receiver). Unplug V-Module from the receptacle and disconnect the battery pack.
2. Wait 1 minute for unpowered Receiver to reset.
3. Replug the V-module to the receptacle.



## Attention!

It is important that the main power is connected **before** the battery pack. This prevents the WiFi module from draining power from the batteries.

4. Connect cable from the WiFi module's RECEIVER port to the SI port on the Receiver.

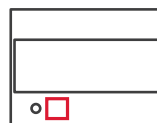


WiFi cable  
(to Receiver  
SI port)

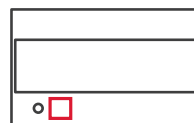
5. Connect battery pack to Receiver.
6. Attach Velcro and place the WiFi module inside the front panel of the fireplace per the diagrams to the right in *Module Installation Location*. The module should be placed with the RESET button facing toward the user.

## Module Installation Location

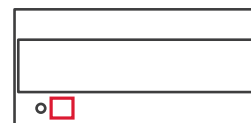
For Linear fireplaces (L1, L2, L3, LT1, and LT2) and LX1, place the WiFi module just to the right of the control valve, as indicated below.



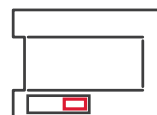
L1/LT1



L2/LT2

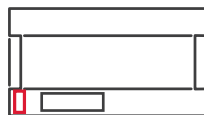


L3



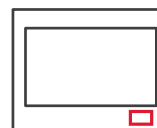
LX1

For the LX2, place the WiFi module on the inside of the access plate as far to the left as possible, as indicated below.



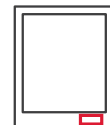
LX2

For H5 and H6 fireplaces, place the WiFi module in the right hand end of the controls area as indicated below.



H5/H6

For P2 fireplaces, place the WiFi module in the back right corner of the bottom of the fireplace, behind the valve, as indicated below.



P2

**Your installation is now complete.** You may now proceed to "Valor 10 WiFi Control Software Instructions", document 4007972.

# After Installation

## Resetting the Module

In the event of a nonrecoverable failure, or if the homeowner needs to set up a new home network, the WiFi module can be easily reset to factory default to allow all the setup steps to be done again.

### Caution

Performing this action removes all existing network data from your WiFi module!

To reset the module:

1. Ensure it is receiving power from the fireplace.
2. Insert a thin object (eg. paper clip) in the small opening below the WLAN LED on the unit and press until you feel the reset button click.



3. Hold the reset button for 30 seconds.

During the reset, the Receiver LED will blink blue slowly, then quickly. After the full 30 seconds, it will blink blue slowly again, and you can release the button. The Receiver LED will turn solid green.

Upon reset, the WLAN will briefly blink red (to indicate network loss) and then blink blue (to indicate seeking a connection).

The module is now at factory default and you are ready to configure.

## For Software Information


For information on how to use the Valor 10 software app to configure and operate your upgraded fireplace, please see "Valor 10 WiFi Control Software Instructions".

### Instruction Manual

# Valor 10 App

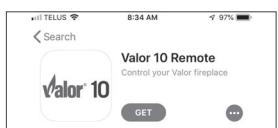
## Valor 10 WiFi Control Software Instructions

For Valor heaters using the Valor WiFi Module

 **Note to the Installer:** Completing installation of this software **requires** the Homeowner to provide a smart device and personal details. It is recommended you complete this installation with the homeowner present.

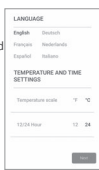
#### Software Installation

1. Visit either the Apple Store or the Google Play Store, depending on the destination smart device.
2. Search for "Valor 10". You will see an app called "Valor 10 Remote".



#### Software Setup and Connect

1. After launch, set your desired language, temperature units, and time display (12 or 24 hour).
2. Tap Next.



3. You must register with Valor to use the app (one time only). Tap the Register button.
4. Fill in the Registration screen with the homeowner details. This will include setting a new password for a Valor 10 account.
5. Tap Register when all details are completed.
6. Once your email has been registered, you will have ten minutes to visit your email account and open the registration confirmation message there.
7. Click the "Verify your email" link in the email to confirm your use of the software.

#### REGISTRATION

First Name:

Last Name:

Address:

City:

State:

Zip:

Phone:

Email:

Password:

Confirm Password:

#### REGISTER

Tap Next

Dear Bob Allen,

Please click the link below to verify your email address:

[Verify your email](#)

If you have any further questions please visit [valor10support.com](#).

Thank you,

Valor One Fireplaces

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Because our policy is one of constant development and improvement, details may vary slightly from those given in this publication.

Designed and Manufactured by / for

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