

# INSTALLATION MANUAL



# WiFi Installation

For Valor fireplace models H5 and H6

## Introduction

The Valor H5 and H6 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).

### Attention!

The WiFi upgrade will require electrical wiring to your fireplace, if not already in place.

## 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.

## Notes - Existing Electrical Accessories

### H5 1100I/J/M and H6 1400I/J/K fireplaces

- Your fireplace may have been already installed with an optional fan (1195CFK). This kit may be capable of being operated with the WiFi system and Valor 10 Remote Control or Valor 10 Application. See *Hardware Requirements* on page 2 for details.
- Further, if your fireplace has the 1195CFK kit installed, it will have the necessary AC receptacle installed with it. See *Hardware Requirements* on page 2 for details.

### **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!

### 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

## Hardware Requirements

Depending on which model fireplace you are installing the upgrade on, the hardware required will be different. There are four different hardware kits that may be required. They are listed below by fireplace - check your fireplace's information card to identify its model. **Be sure you have all kits required before starting the upgrade.**

Kit	Description	1100I, 1100J, 1150I, 1150J, 1400I, 1400J, 1400K	1100M
RCK400	Valor 10 Receiver / Remote Kit	✓	included with fireplace
GV60VM	V-Module Kit (V3)	*, **	*, **
GV60WIFI	WiFi Module Kit	✓	✓
H5/6-WPK	H5 and H6 WiFi Power 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)* below for details). If it is not a V3, you will need to order the GV60VM kit.

\*\* If your H5 or H6 has no fan kit installed, you will need to order the GV60VM and H5/6-WPK kits.

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	



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 B6R-W2ZV-0	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 (2)	4005524



Valor 10 Remote Control Handset

Handset Wall Holder

Battery Holder BH-343-3B6

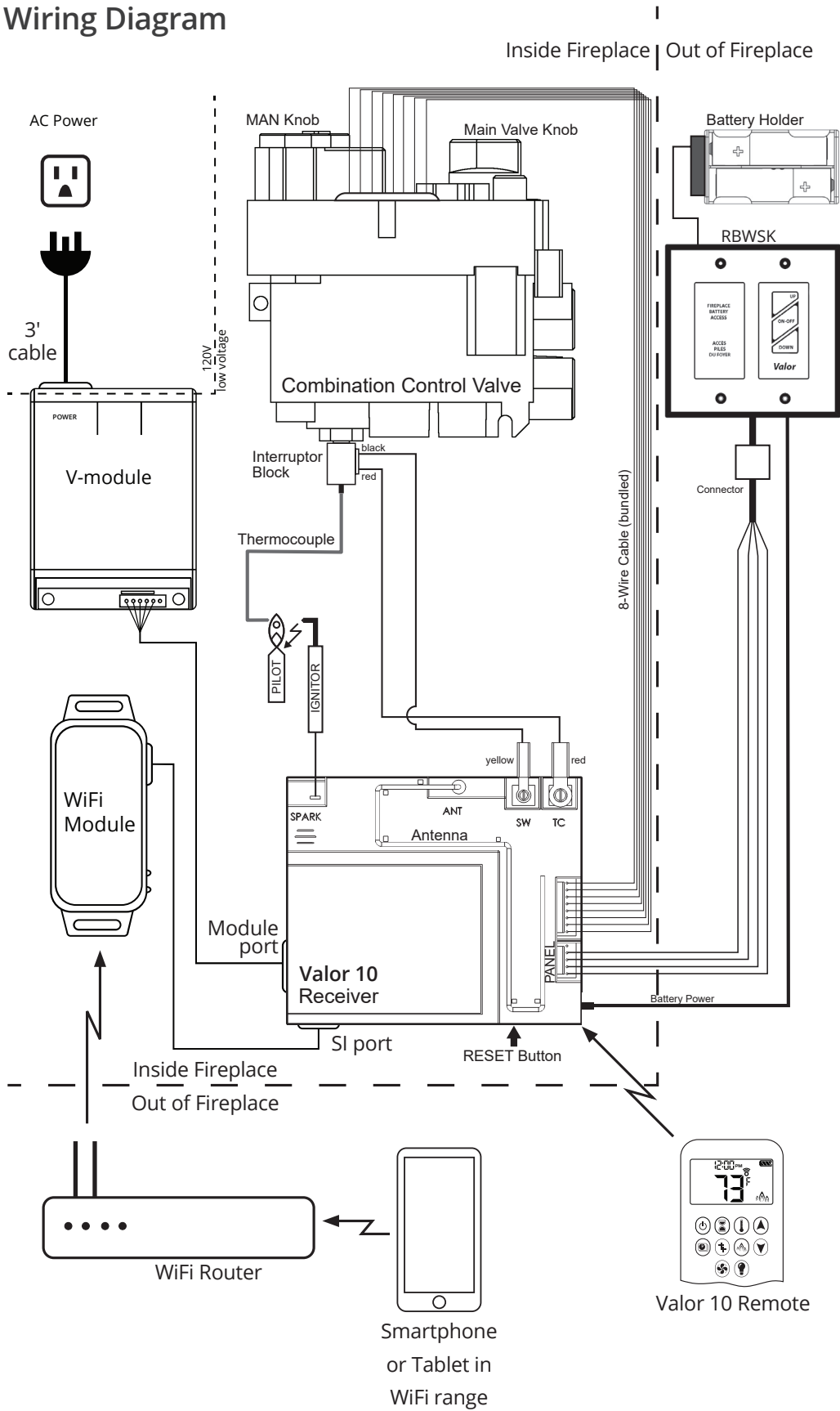
H5/6-WPK (WiFi Power Kit for H5 & H6)	Part No.
Electrical Housing	4004450
Electrical Snap-In Socket	4006368



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

# Wiring Diagram

## Wiring Diagram



# Section 1: Remote Kit (RCK400)

## Note

This Section applies to **1100I/J, 1150IL/JL, and 1400I/J/K fireplaces only.**

All others proceed to **Section 2: Power Kit (H5/6-WPK).**

## 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 Valor10 app.

\*\* If there are batteries installed in the receiver, they should instead be put into the supplied battery holder (either in the fireplace or a wall switch kit, if installed).

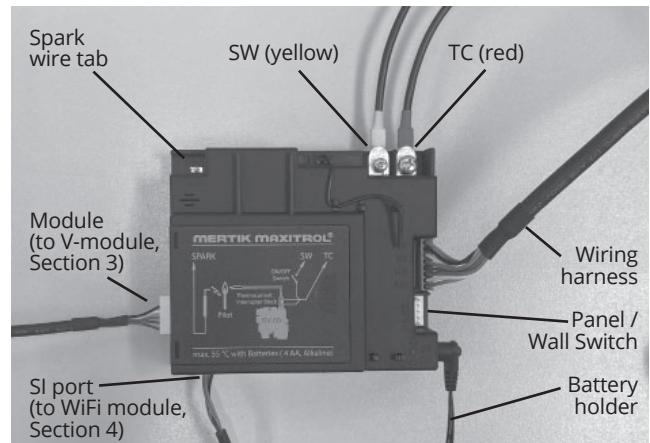
See *Hardware Requirements* on page 2 for full details.

## Installing the Receiver

See *Wiring Diagram* on page 3 for details.

1. Disconnect power from the fireplace.
2. Label wires and disconnect from existing Receiver. See *Wiring Diagram* on page 3 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 beep and one long beep. After the second beep, release the reset button.
4. Within the subsequent 20 seconds, press and hold the  button on the remote handset. **COM** 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 **Section 2: Power Kit (H5/6-WPK).**

# Section 2: Power Kit (H5/6-WPK)

## Note

This Section applies to **all H5 and H6 fireplaces that do not have the optional 1195CFK fan kit or an AC receptacle already installed.**

All others proceed to **Section 3: V-Module Kit (GV60VM).**

## Hardware

The H5/6-WPK kit consists of:

- An electrical housing
- An electrical snap-in socket

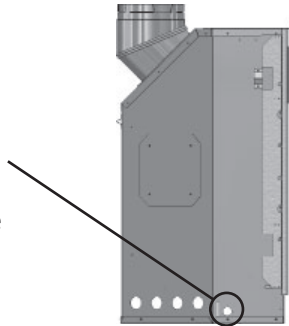
See *Hardware Requirements* on page 2 for full details.

## Installing the WiFi Power Kit

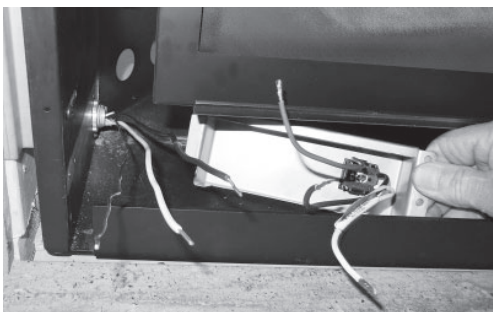
See *Wiring Diagram* on page 3 for details.

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.

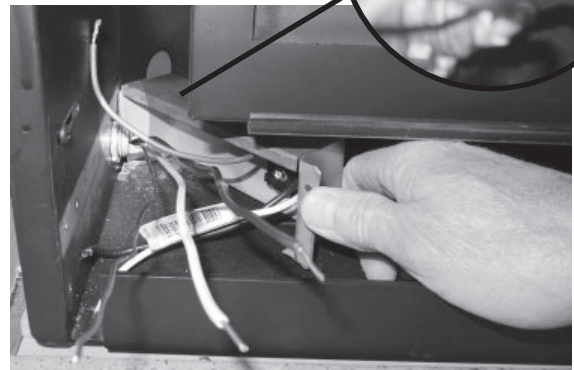
Electrical wiring enters through the left hand side of the appliance case (front round hole)



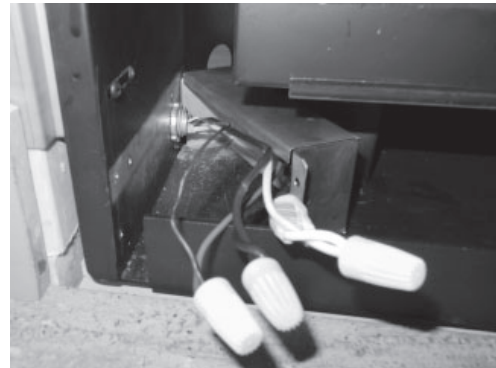
3. Place the junction box cover in the front left corner of the appliance case.



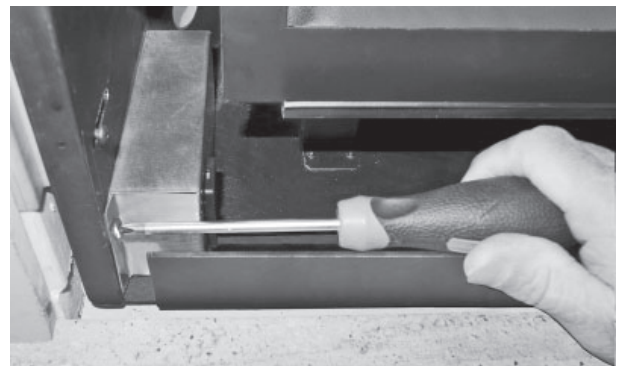
4. Slide the tab at the far end of the box into the slot of the appliance case located right behind the cable clamp. Ensure the wires are not pinched between the junction box and the appliance case.



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 screws).



Proceed to **Section 3: V-Module Kit (GV60VM).**

# Section 3: V-Module Kit (GV60VM)

## Note

This Section applies to **fireplaces with an incompatible V-Module (V2 or earlier), or those lacking a V-Module entirely.**

All others proceed to **Section 4: WiFi Module Kit (GV60WIFI).**

## 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

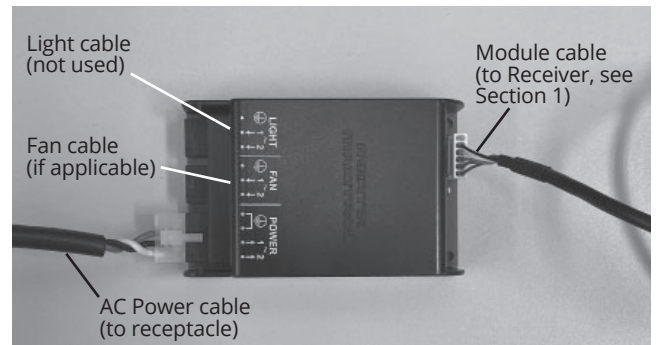
Only carry out these steps if removing a V2 or earlier V-Module. Otherwise, proceed to *Installing a New V-Module*.

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.

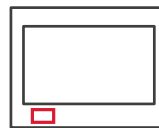
## Installing a New V-Module

See *Wiring Diagram* on page 3 for details.

1. Disconnect power to the power receptacle (if not done already)
2. Connect the AC power cable's Molex connector to the POWER terminal of the V-Module.
3. Plug the power cable into the AC receptacle.
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 V-module fan wire Molex connector 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.



H5/H6

## Note

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

Proceed to **Section 4: WiFi Module Kit (GV60WIFI).**

# Section 4: WiFi Module Kit (GV60WIFI)

## Note

This Section applies to **all H5 and H6 fireplaces**.

## Hardware

The GV60WIFI kit consists of:

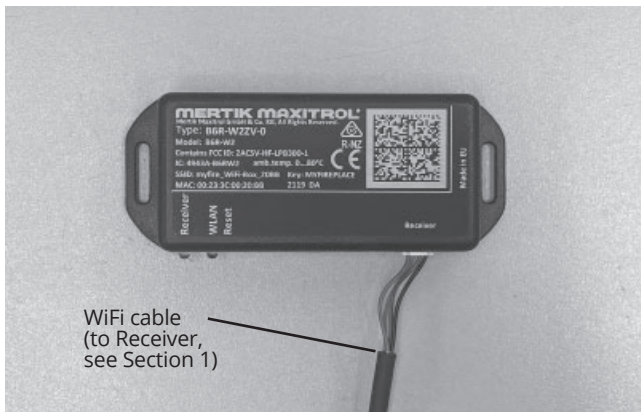
- WiFi module
- Receiver connector cable

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

## Installing the WiFi Module

See *Wiring Diagram* on page 3 for details.

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



2. Attach Velcro and place the WiFi module inside the front panel of the fireplace per the diagram below in *Module Installation Location*. The module should be placed with the RESET button facing toward the opening.

## Module Installation Location

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



H5/H6

**Your installation is now complete.** You may now supply power to the fireplace and 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 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 20 seconds.

During the reset, the Receiver LED will blink blue slowly, then quickly. After the full 20 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 per the instructions in *For Software Information* (see next section).

## 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*", document 4007972 (either packed in your kit or available on the Valor website).



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

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