Installation Manual

WIFI UPGRADES
LINEAR AND LX FIREPLACES

For Valor L and LX Heaters

Introduction

The Valor L1, L1 See Thru, L2, L3, LX1, and LX2 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.

> **Note**
> 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). See page 5 for details on receptacle location.

> ⚠ **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/

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 a 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.
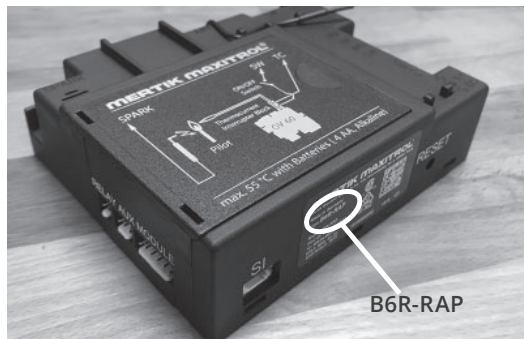
Hardware Specifications

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. **Be sure you have all kits required before starting the upgrade.**
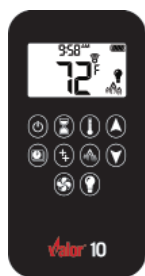
Kit	Description	1500I, 1600I, 1700I	1500J, 1600J, 1700J, 1800J, 2200J	1500K, 1600K, 1700K, 1800K	2100K, 2200K
RCK400	Valor 10 Receiver / Remote Kit	X	X		
GV60VM	V-Module Kit (V3)	X	X	X	
GV60WIFI	WiFi Module Kit	X	X	X	X

RCK400—Remote Control Kit

RCK400	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 Symax Remote Control Operation Manual	

B6R-RAP

Receiver B6R-RAP

VALOR 10 Remote Control Handset

Handset Wall Holder

Battery Holder BH-343-3B6

GV60VM—V-Module Kit

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

G6R-BUMV3

V-Module G6R-BUMV3

GV60WIFI—WiFi Module Kit

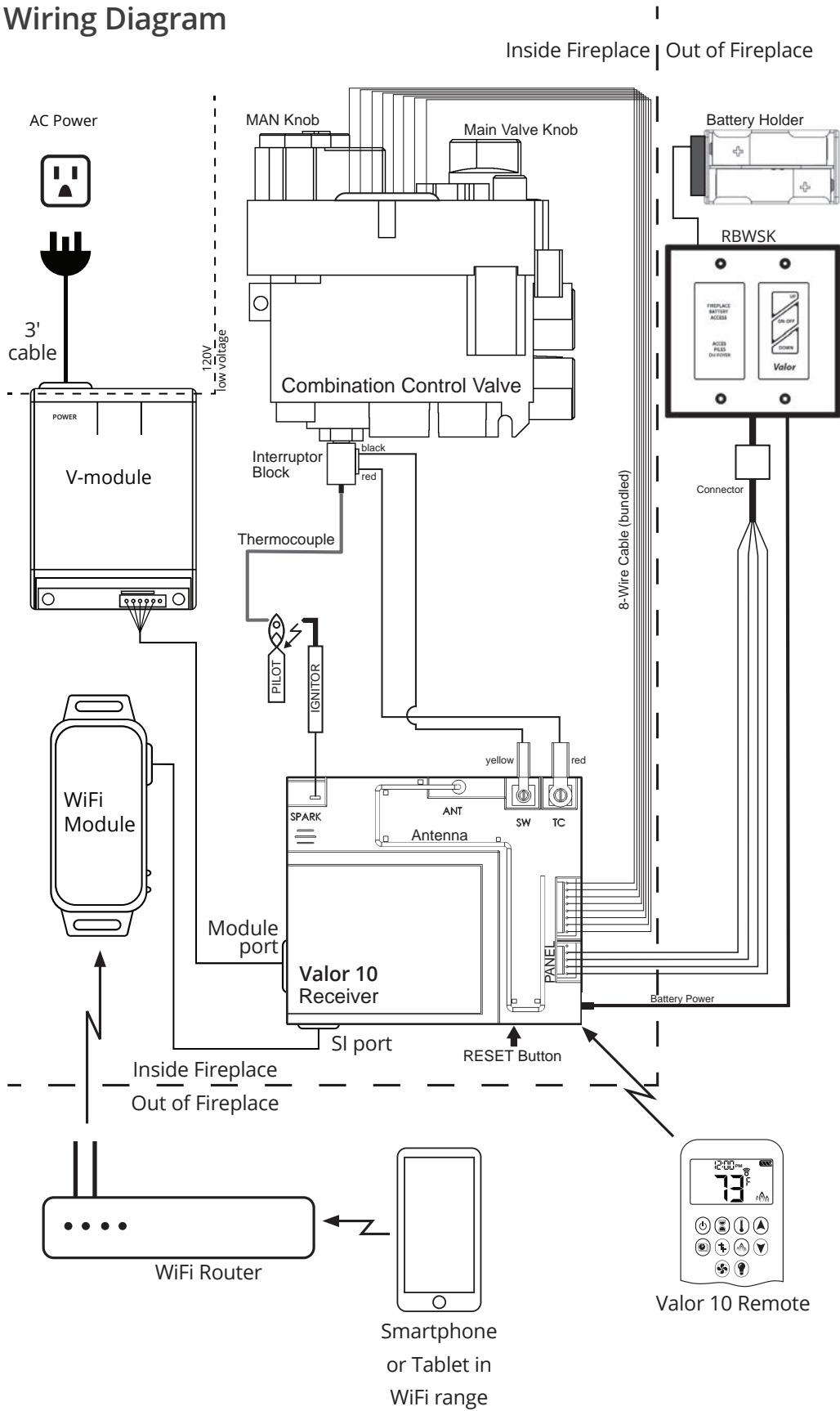| GV60WIFI	Part no.
WiFi Module Box B6R-W2ZV-0	4007685
WiFi Cable (1000 mm) G60-ZCSW1000	4007686
Velcro 3/4 Wide Loop Self Adhesive	4000022
Velcro 3/4 Wide Hook Self Adhesive	4000023
Cable Ties (2)	4005524

B6R-W2ZV-0

WiFi Module B6R-W2ZV-0

Wiring Diagram

Wiring Diagram

Inside Fireplace | Out of Fireplace

AC Power

MAN Knob

Main Valve Knob

Battery Holder

3' cable

120V / low voltage

RBWSK

FIREPLACE BATTERY ACCESS

ACCESS PILES ON POWER

ON-OFF

UP

DOWN

Valor

POWER

V-module

Combination Control Valve

Interruptor Block

black

red

Connector

8-Wire Cable (bundled)

Thermocouple

PILOT

IGNITOR

WiFi Module

yellow

red

SPARK

ANT

Antenna

SW

TC

Module port

Valor 10 Receiver

PANEL

Battery Power

SI port

RESET Button

Inside Fireplace

Out of Fireplace

WiFi Router

Smartphone or Tablet in WiFi range

12:00 PM

73 °F

Valor 10 Remote

Section 1: Remote Kit (RCK400)

<table>
<tr><td>

Note

This Section applies to **1500I/J, 1600I/J, 1700I/J, 1800J, and 2200J fireplaces only**.

All others proceed to Section 2: Power Supply Kit (GV60VM).

</td></tr>
</table>

Hardware

The RCK400 kit consists of:
• Receiver
• Valor 10 remote handset*
• Valor 10 handset wall holder
• Battery holder**
  • Battery holder cable

<table>
<tr><td>

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.

</td></tr>
</table>

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
   • 8-wire bundle 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. Reconnect the wires listed in Step 1.
4. 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. ⌷⌷.⌷⌷ 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: V-Module Kit (GV60VM).

Section 2: V-Module Kit (GV60VM)

> **Note**
>
> This Section applies to **1500I/J, 1600I/J, 1700I/J, 1800J, and 2200J fireplaces, those with an incompatible V-Module (V2 or earlier), or those lacking a V-Module entirely only**.
>
> All others proceed to Section 3: WiFi Module Kit (GV60WIFI).
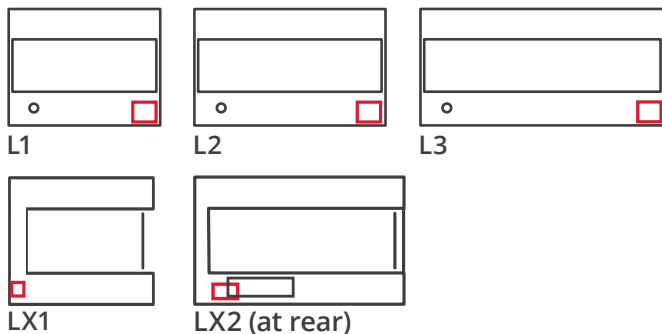
Hardware

The GV60VM kit consists of:
• V-Module
• AC power cable
• Receiver connector cable

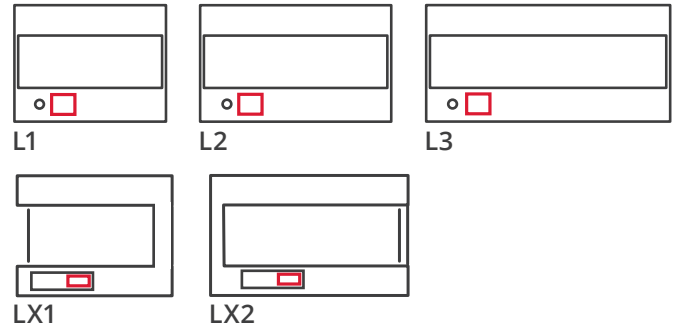See "Hardware Requirements" on page 2 for full details.

Installing the V-Module

See "Wiring Diagram" on page 3 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.

L1   L2   L3

LX1   LX2 (at rear)

4. Connect the V-Module's Receiver terminal (white connector) to the MODULE port on the Receiver.

5. Connect the fan/light wires 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. Note that room must be left for the WiFi module.

L1   L2   L3

LX1   LX2

> **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.

Proceed to Section 3: WiFi Module Kit (GV60WIFI).

Section 3: WiFi Module Kit (GV60WIFI)

Hardware

The GV60WIFI kit consists of:
• WiFi module
• Receiver connector cable

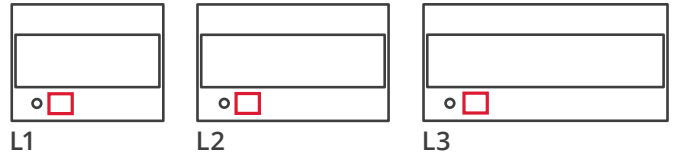See "Hardware Requirements" on page 2 for full details.

Installing the WiFi Module

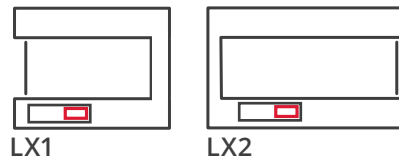See "Wiring Diagram" on page 3 for details.

1. Disconnect power to the appliance.

2. Connect cable from the WiFi module's RECEIVER port to the SI port on the receiver.

3. 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 upward toward the opening.

Module Installation Location

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

L1   L2   L3

For LX fireplaces (LX1 and LX2), place the WiFi module on the inside of the access plate just to the right of the control valve, as indicated below.

LX1   LX2

Note

If installing in the LX2/2200 fireplace, be sure to place the modules under the heat shield.

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.

Reset button

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 below).

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.

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

Miles Industries Ltd.
190 – 2255 Dollarton Highway, North Vancouver, B.C., CANADA V7H 3B1
Tel. 604-984-3496 Fax 604-984-0246
www.valorfireplaces.com