DV ZC Two-Sided Gas Fireplace
1600IN (NG) & 1600IP (LPG)
Installation & Owner’s Manual

⚠️ DANGER
HOT GLASS WILL CAUSE BURNS.
DO NOT TOUCH GLASS UNTIL COOLED.
NEVER ALLOW CHILDREN TO TOUCH GLASS.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.

⚠️ WARNING
FIRE OR EXPLOSION HAZARD
Failure to follow safety warnings exactly could result in serious injury, death, or property damage.

— Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
— WHAT TO DO IF YOU SMELL GAS
  ▪ Do not try to light any appliance.
  ▪ Do not touch any electrical switch; do not use any phone in your building.
  ▪ Leave the building immediately.
  ▪ Immediately call your gas supplier from a neighbor’s phone. Follow the gas supplier’s instructions.
  ▪ If you cannot reach your gas supplier, call the fire department.
— Installation and service must be performed by a qualified installer, service agency or the gas supplier.

INSTALLER
Leave this manual with the appliance.

CONSUMER
Retain this manual for future reference.

This manual contains instructions to install the ENGINE ONLY. A front or trim kit is REQUIRED to install the engine. A barrier screen is provided with the front or trim kit. Refer to the manual supplied with the front or trim for installation.

This appliance may be installed in an after-market permanently located, manufactured (mobile) home where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

This appliance is a domestic room-heating appliance. It must not be used for any other purposes such as drying clothes, etc.

This appliance is suitable for installation in a bedroom or bed sitting room.

Ce guide est disponible en français sur demande.
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Warranty Card at the back of this manual.

The information contained in this installation manual is believed to be correct at the time of printing. Miles Industries Ltd. reserves the right to change or modify any information or specifications without notice. Miles Industries Ltd. grants no warranty, implied or stated, for the installation or maintenance of your heater, and assumes no responsibility for any consequential damage(s).

We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

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Massachusetts: The piping and final gas connection must be performed by a licensed plumber or gas fitter in the State of Massachusetts. Also, see Carbon Monoxide Detector requirements on page 18.
Safety Precautions

READ and UNDERSTAND all instructions carefully before starting the installation. FAILURE TO FOLLOW these installation instructions may result in possible fire hazard and will void the warranty.

Prior to the first firing of the fireplace, READ the Owner’s Information section of this manual.

DO NOT USE this appliance if any part has been under water. Immediately, CALL a qualified service technician to inspect the unit and to replace any part of the control system and any gas control that has been under water.

THIS UNIT IS NOT FOR USE WITH SOLID FUEL.

Installation and repair should be PERFORMED by a qualified service person. The appliance and venting system should be INSPECTED before initial use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding, etc. It is IMPERATIVE that the unit’s control compartment, burner, and circulating air passageways BE KEPT CLEAN to provide for adequate combustion and ventilation air.

Always KEEP the appliance clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

NEVER OBSTRUCT the flow of combustion and ventilation air. Keep the front of the appliance CLEAR of all obstacles and materials for servicing and proper operation.

This unit MUST be used with a vent system as described in this installation manual. NO OTHER vent system or components MAY BE USED.

This gas fireplace and vent assembly MUST be vented directly to the outside and MUST NEVER be attached to a chimney serving a separate solid fuel burning appliance. Each gas appliance MUST USE a separate vent system. Common vent systems are PROHIBITED.

INSPECT the external vent cap on a regular basis to make sure that no debris, plants, trees, shrubs are interfering with the air flow.

TURN OFF the gas before servicing this appliance. It is recommended that a qualified service technician perform an appliance check-up at the beginning of each heating season.

DO NOT use this heater as a temporary source of heat during construction.

Due to the high temperature, the appliance should be LOCATED out of traffic areas and away from furniture and draperies.

Clothing or flammable material SHOULD NOT BE PLACED on or near the appliance.

This appliance is a DOMESTIC ROOM-HEATING APPLIANCE. It must not be used for any other purposes such as drying clothes, etc.

DO NOT place furniture or any other combustible household objects within 36” of the fireplace front.

BE CAREFUL not to put any decorating objects sensitive to heat to close above or around the fireplace as it gets very hot when operating.

The glass door assembly MUST be in place and sealed before the unit can be placed into safe operation.

DO NOT OPERATE this appliance with the glass door removed, cracked, or broken. Replacement of the glass door should be performed by a licensed or qualified service person. DO NOT strike or slam the glass door.

The glass door assembly SHALL ONLY be replaced as a complete unit, as supplied by the fireplace manufacturer. NO SUBSTITUTE material may be used.

DO NOT USE abrasive cleaners on the glass door assembly. DO NOT ATTEMPT to clean the glass door when it is hot.

A BARRIER DESIGNED TO REDUCE THE RISK OF BURNS from the hot viewing glass is provided with this appliance and SHALL BE INSTALLED for the PROTECTION OF CHILDREN and other AT-RISK INDIVIDUALS.

If the barrier becomes damaged, the barrier SHALL BE REPLACED with the MANUFACTURER’S BARRIER for this appliance.

Any safety screen, guard or barrier removed for servicing the appliance, MUST BE REPLACED prior to operating the appliance.

Children and adults should be ALERTED to the hazards of high surface temperature and should STAY AWAY to avoid burns or clothing ignition.

YOUNG CHILDREN should be CAREFULLY SUPERVISED when they are in the same room as the appliance. Toddlers, young children and others may be susceptible to ACCIDENTAL CONTACT BURNS.

A physical barrier is recommended if there are at-risk individuals in the house. To restrict access to a fireplace or stove, INSTALL AN ADJUSTABLE SAFETY GATE to keep toddlers, young children and other at-risk individuals out of the room and away from hot surfaces.

Please Read and Carefully Follow all Safety Warnings and Operating Instructions Contained in Your Owner’s Manual

(Replacement Manuals are available by contacting our service department at 1-800-468-2567 or visit www.valorfireplaces.com).

Please Follow These Important Child Safety Precautions and Recommendations,

- Parts of your Valor Fireplace become extremely hot while in operation.

- The glass viewing window temperature can exceed 500 F at full capacity. Momentary contact with a hot glass surface can cause a severe burn, even if the fireplace is operating at reduced heating capacity.

- The glass window will remain hot for an extended period of time after the fireplace has been turned off. Ensure that children are prevented from touching the fireplace during the cool down period.

- Toddlers and Young Children must be closely supervised at all times when they are in the same room as the operating fireplace. They lack full awareness of danger and rely on your protection. Toddlers, in particular, do not have the motor skills and response reflexes to withdraw in the event of accidental contact with a hot surface.

- A physical barrier is strongly recommended if there are young children, or at-risk individuals in the house. Install an approved after-market safety gate to keep toddlers, young children and other at-risk individuals a safe distance from the fireplace.

- Keep the remote control handset out of reach of children at all times. A wall mount storage holster is provided with your remote control handset.

- Ensure that the fireplace, including the pilot light, is completely turned off when children are present and close supervision and safety barriers are not available—see pages 9–10 of Owner’s Information section.

- If the fireplace is not going to be used for the summer or any extended period of time, remove the batteries from the remote control handset and battery holder. It is recommended that batteries are replaced annually in any event—see pages 8–9.
Operating Your Fireplace for the First Time

When operating your new fireplace for the first time, some vapors may be released due to the burning of curing compounds used in the manufacture of the appliance. They may cause a slight odor and could cause the flames to be the full height of the firebox, or even slightly higher, for the first few hours of operation. It is also possible that these vapors could set off any smoke detection alarms in the immediate vicinity.

These vapors are quite normal on new appliances. We recommend opening a window to vent the room. After a few hours use, the vapors will have disappeared and the flames will be at their normal height.

Flame Supervision Device

For your safety, this appliance is fitted with a flame supervision device which will shut-off the gas supply if, for any reason, the pilot flame goes out. This device incorporates a fixed probe, which senses the heat from the pilot flame. If the probe is cool, the device will prevent any gas flow unless manually lighting the pilot. See full lighting instructions on page 17 of this manual.
Cleaning Your Fireplace

**WARNING**

**DO NOT TOUCH THE GLASS WHILE IT IS HOT!**

Let the fireplace cool first before cleaning it.

**Important - Glass cleaning - Mineral deposits**

One of the by-products of the combustion process in a gas appliance is a mineral which can show up as a white film on the ceramic glass of the viewing door.

The composition of the deposit varies with location and time. It is believed to be associated with the varying sulfur content of the gas. You may have the problem intermittently.

We have consulted with ceramic glass manufacturers and they cannot offer a definitive solution to this problem. Dealers have tried various cleaning products with varying results. The following are recommendations only and are not meant to guarantee results.

**NOTE: This is a problem beyond Miles Industries’ control and is not covered under warranty.**

- Clean the glass regularly as soon as you notice the buildup (white film). If the film is left for a longer period of time, it will etch into the glass. It is then much harder, if not impossible, to remove.
- **NEVER use an abrasive cleaner or ammonia based cleaner on the ceramic glass.** Any abrasion of the surface has the immediate effect of compromising the strength of the glass. An emulsion type cleaner is recommended.
- Use a soft damp cloth to apply the cleaner. Dry the glass with a soft, dry, preferably cotton cloth. Most paper towels and synthetic materials are abrasive to ceramic glass and should be avoided.
- Our dealers have had good results from the products listed below. We cannot, however, guarantee the results of these products.
  ◊ Brasso, Polish Plus by Kelkem, Cook Top Clean Creme by Elco, White Off by Rutland, Turtle Wax

**Do not clean the glass while it is hot!**

Always securely replace the window and the barrier screen before lighting.

If broken, the glass pane may only be replaced as a complete window unit as supplied by the manufacturer.

If the barrier becomes damaged, the barrier shall be replaced with the manufacturer’s barrier for this appliance.

To remove the window for cleaning:

1. Remove the barrier screen.
   a) **1555 1” trim**: slide the screen up, unhook the bottom tabs and disengage the top tabs.
   b) **1550 3.5” and 1570 trims**: slide the top lock-in levers outward and rotate them up to unhook the screen top; lift the screen up to unhook the bottom tabs.

2. Remove the side doors and the plinth.

3. Find the levers on each side of the window towards the top. Using your finger, pull the levers towards you and unhook them from the window frame brackets.

4. Gently pull the top of the window outward.

5. Lift the window out of its bottom railing and set it aside in a safe place to avoid damage.

**Clean the window** following the guidelines in this section. **Clean the 1550 and 1555 steel trims** with mild soap and warm water. Any alcohol/solvent base cleaner will weaken the coating and damage it. **Clean the 1570 concrete trim** by dusting down the surface regularly with a soft brush and occasionally follow up with a wipe over with a wet cloth. A sealer has been applied to the surface, no alcohol/solvent based clean-
ing agents nor polishes should be used. Dry stains can be removed using a white or light colored cloth with mild soap and warm water when the material is cool, then dried immediately. If the stain is hard to remove, use a white or light colored synthetic scrub pad (not steel wool) and dry immediately. In case of an accidental spill, soak up the liquid IMMEDIATELY with a dry cloth and follow up with a wipe down with a wet cloth. **Clean the barrier screen** dusting it with a soft brush. **Clean the firebox** ceramic logs/rocks and walls dusting them with a soft brush. Glass liners can be cleaned with household glass cleaner. Dust can also be removed from the burner using a soft brush after removing the ceramic logs. **When cleaning, make sure that no particles are brushed into the slots of the burner.**

**WARNING**

**CHOKING HAZARD!** Ensure that the fireplace area is clear of fire glass or vermiculite particles as these could be ingested by small children. Vacuum thoroughly around the fireplace area after cleaning.

To refit the window:
1. Place the window in its bottom railing. **Ensure to remove any vermiculite or glass particles in the railing before installing the window.**
2. Push the top of the window frame against the firebox.
3. While you hold it, pull the side levers back into the window brackets on each side.
4. Apply firm hand pressure around the window frame to ensure the window is sealed tight against the firebox.
5. If the Hot Glass Warning plate has been removed from the front lower corner of the window, reinstall it by sliding it between the glass and the frame as indicated.

**DANGER**

The window unit must be correctly installed, fastened and sealed after servicing or serious bodily injury and/or damage to the appliance may result.

To ensure a safe operation:
- Double-check that the bottom of the window frame is correctly installed in the bottom support railing;
- Verify that the levers are hooked properly to the window tabs then;
- Pull out the top of the window and release it to insure the springs return it;
- Ensure the window is sealed before operation.

**WARNING**

Failure to install the window correctly can leak carbon monoxide, affect the performance of the fireplace, damage components, cause overheating resulting in dangerous conditions. Damage caused by incorrect window installation is not covered by the Valor warranty.
6. Reinstall the barrier screen on the trim.

**WARNING**

**FOR SAFETY PURPOSE, ensure the barrier screen is re-installed on the fireplace front after maintenance.**

a) **1555 1” trim:** Insert the screen’s top tabs in the slots in the convection baffle then rest the screen bottom tabs on the edge of the opening in the plinth to lock it in position.

b) **1550 3.5” and 1570 trims:** Hook the bottom of the screen to the bottom edge of the trim’s front plate, then, with the top levers up, push the screen against the fireplace. Rotate the levers down to hook them up to the trim and slide them inwards to secure them.

7. Verify that the screen is properly hooked to the trim and secure.

**Checking Pilot and Burner Flames**

A periodic check of the pilot and burner flames should be made. Check after the fire has been on for at least 30 minutes. The pilot flame must cover the tip of the thermocouple probe. The main burner flame pattern will vary from appliance to appliance depending on the type of installation and climatic conditions.

**WARNING**

**DO NOT ATTEMPT TO CHANGE THE BATTERIES WHILE THE FIREPLACE IS STILL HOT!** Let the fireplace cool first before touching it.

**CAUTION**

**DO NOT USE** a screwdriver or other metallic object to remove the batteries from the battery holder or the handset! This could cause a short circuit.

Low batteries signal: see page 15.

**BEFORE changing the batteries, turn the fireplace off (including pilot).**

The appliance uses four 1.5 V AA **alkaline** batteries located next to the wall switch and one 9 V **alkaline** battery in its handset. Batteries should last one to two seasons, depending on usage. Removing the batteries in the off-season will extend the battery life.

**To replace the batteries:**

The battery holder is located next to the wall switch in the vicinity of the fireplace. Its front plate is attached with magnets to the wall switch box.

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**Decorative Glass Murano Correct Flame Picture**

**Decorative Glass Correct Flame Picture**

**Pilot Flame can be seen left of the fire bed**

**Pilot Flame can be seen left of the fire bed**

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**Driftwood Kit Correct Flame Picture**

**Rock & Shale Kit Correct Flame Picture**

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1. Pull on the plate next to the wall switch to access the batteries.
2. Disconnect the snap connector from the battery holder. **Do not pull the connector by the wire!**
3. Replace the batteries with 4 AA alkaline batteries orienting them as indicated inside the holder.
4. Reconnect the snap connector to the battery holder.
5. Put the battery holder back in its place beside the wall switch and snap it in place.

**Using Remote Control Handset Wall Holder**

Your fireplace equipment includes a wall holder to store the handset. If it hasn’t be installed, refer to the instructions further on in this manual for the installation.

**Locating Lighting, Operation and Rating Information Card**

The **WARNING**

**DO NOT ATTEMPT TO TOUCH THE DATA CARD WHILE THE FIREPLACE IS STILL HOT!** Let the fireplace cool first before touching it.

The Lighting, Operation and Rating information is located on a card at the right hand side of the fireplace opening. The card is attached under the plinth.

To access the card, remove the barrier screen, side doors and the plinth. Grab the card and pull it out. There is important information on both sides of the card.

**Servicing Your Fireplace**

If any attention is required for your appliance, contact your supplier quoting the model number. It will be helpful if the appliance’s serial number can also be quoted. This number is on the rating plate. The replacement parts are shown at the end of this manual. Please always quote the part number and description when requesting spare parts.

**Operating Your Fireplace**

There are two ways to control your fireplace.

1. Thermostatic Remote Control;
2. Wall Switch.

The Thermostatic Remote Control can be programmed to function automatically—see pages 11–15.

The Wall Switch can be used to turn on, off and to increase or decrease the flame height—see page 16.

**How to Turn Your Fireplace OFF (including pilot)**

Familiarize yourself with each of these methods before operating your fireplace.

Press and hold the OFF button for a second (either on the handset or the wall switch).

If the flames are on, they go down and you hear the valve motor wind down. You hear a clunk and a beep indicating that the valve has received the signal from the remote control.
As well, familiarize yourself with the gas shut-off valve location in your house. As indicated below, the gas is running when the handle is parallel with the pipe. The gas is off when the handle is perpendicular with the pipe.

**Automatic Shut-Off** (in certain conditions)
Your fireplace’s remote control is equipped with an automatic shut-off mechanism which is activated in certain conditions. See page 15 in the *Remote Control Operation* section for a description of this feature.

**How to Ensure Your Fireplace Cannot Be Turned ON Inadvertently**
You can use one of the two following methods to ensure that your fireplace will not turn on when you don’t want it on.

First, ensure your fireplace is turned off—including the pilot—and cold BEFORE going ahead.

- Turn the dial on the gas valve from the ON position to the MAN position as shown. Turning the dial to MAN (arrow up) will ensure that the main burner can not come on. The pilot will remain on if it is lit.
- Alternately, remove all batteries from the battery box as well as the battery from the handset.
Remote Control Operation

NOTE: Before using the remote control system for the first time, the receiver and the handset must be synchronized. See the section Set-up Remote Control on page 52 of this manual.

IMPORTANT: BEFORE YOU BEGIN, please note that on this system, the settings of time, temperature and automatic ON/OFF can only be programmed when the function display is flashing. Be patient when programming as it can take a few seconds to set.

Display Overview

Note: In the TEMP or TIMER modes, the remote handset senses the room temperature and adjusts the flame accordingly.

To communicate, the handset should be within 15 feet (4.5 meters) of the fireplace.

Do not leave the handset on the mantel or hearth.

TO TURN ON APPLIANCE

CAUTION

When pilot ignition is confirmed, motor turns automatically to maximum flame height.

- On the valve, turn MAN knob on the ON, full counterclockwise position.
- Place ON/OFF switch (if equipped) in I (ON position).
- Simultaneously press the OFF and (large flame) buttons until a short beep confirms the start sequence has begun; release buttons.
- Continuing beeps confirm the ignition is in process.
- Once pilot ignition is confirmed, there is main gas flow.
- After main burner ignition the handset will automatically go into manual (MAN) control mode.

TO TURN OFF APPLIANCE

- Press OFF button.

When the pilot is off, it will take 2 minutes before it can be lit again.

STANDBY MODE (Pilot Flame)

- Press and hold (small flame) to set appliance at pilot flame.

FLAME HEIGHT ADJUSTMENT

- In standby mode: Press and hold (large flame) button to increase flame height.
Remote Control Operation

MODES OF OPERATION

- Briefly pressing the SET button changes the mode of operation in the following order:

  MAN → ☀ TEMP → ♨ TEMP → TIMER → and back to MAN.

NOTE: Manual mode can also be reached by pressing either the (large flame) or the (small flame) buttons.


- **☀ TEMP** - Daytime Temperature Mode (Appliance must be in standby mode; pilot ignited) - The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the Daytime Set Temperature.

- **♨ TEMP** - Nighttime Setback Temperature Mode (Appliance must be in standby mode; pilot ignited) - The room temperature is measured and compared to the Nighttime Setback temperature. The flame height is then automatically adjusted to achieve the Nighttime Setback Temperature.

- **TIMER** - Timer Mode (Appliance must be in standby mode; pilot ignited) - The timers P1 and P2 (Program 1, Program 2) each can be programmed to go ON and OFF at specific times. For instructions see Timer Programming Mode.

NOTE: The display shows the set temperature every 30 seconds.

 EXPRESS LOW AND HIGH FIRE

- Double-click (small flame) button. “LO” will be displayed. NOTE: Flame goes to high fire first before going to designated low fire.

- Double-click (large flame) button. Flame automatically goes to high fire. “HI” will be displayed.

SETTING °C/24-HOUR OR °F/12-HOUR CLOCK

- In MAN mode, press OFF and (small flame) buttons until display changes from Fahrenheit/12-hour clock to Celsius/24-hour clock and vice versa.

SETTING THE TIME

- The time display will flash after either:
  - Installing the battery or
  - Simultaneously pressing the (large flame) and (small flame) buttons.
- Press (large flame) button to set the hour.
- Press (small flame) button to set the minute.
- Press OFF or simply wait to return to MAN mode.

NOTE: Manual mode can also be reached by pressing either the (large flame) or the (small flame) buttons.
Remote Control Operation

SETTING THE ON / OFF TEMPERATURES

SETTING THE “DAYTIME” TEMPERATURE
Default Settings: \( \text{TEMP} \) (sun), 23°C / 74°F

- Briefly press SET button to scroll to TEMP (sun) mode. Hold the SET button until the TEMP flashes.
- Press \( \mathscr{H} \) (large flame) button to increase the Daytime Set Temperature.
- Press \( \mathscr{H} \) (small flame) button to decrease Daytime Set Temperature.
- Press OFF or simply wait to complete programming.

SETTING THE “NIGHTTIME SETBACK” TEMPERATURE
Default Settings: \( \text{TEMP} \) (moon), “--” (OFF)

- Briefly press SET button to scroll to TEMP (moon) mode. Hold the SET button until the TEMP flashes.
- Press \( \mathscr{H} \) (large flame) button to increase Nighttime Setback Temperature.
- Press \( \mathscr{H} \) (small flame) button to decrease Nighttime Setback Temperature.
- Press OFF or simply wait to complete programming.

Tip
Set the different parameters when they are flashing.
REMOTE CONTROL OPERATION

SETTING PROGRAM TIMERS

- You can program two periods of time between 12:00 am and 11:50 pm in each 24-hour cycle.
- The Programs P1 and P2 must be set in the following order during a 24-hour cycle: P1, P1, P2, and P2.
- The icon indicates the beginning of the period (ON) and the icon indicates the end of the period (OFF).
- If P1 = P1 or P2 = P2, the programming is cancelled.
- To keep the fireplace ON all night, set P2 at 11:50 am and P1 at 12:00 am.

Default settings:
Program 1: P1 at 6:00 am, P1 at 8:00 am
Program 2: P2 at 11:50 pm, P2 at 11:50 pm

SETTING P1 ON TIME

- Briefly press SET button to scroll to TIMER mode.
- Hold the SET button until P1 (sun) is displayed and the time flashes.
- Press (large flame) button to set the hour.
- Press (small flame) button to set the minutes.

SETTING P1 OFF TIME

- Briefly press SET button to scroll to TIMER mode P1 (moon) while the time flashes.
- Press (large flame) button to set the hour.
- Press (small flame) button to set the minutes.

SETTING P2 ON TIME

- Briefly press SET to scroll to TIMER mode P2 (sun) while the time flashes.
- Follow the instructions given to set P1 ON time.

SETTING P2 OFF TIME

- Briefly press SET to scroll to TIMER mode P2 (moon) while the time flashes.
- Follow the instructions given to set P1 OFF time.

Press OFF button to save these settings. The timers are programmed. See the diagram on programming sequences on the following page.

Tip
If you want to program only one period, program P1 and P1 with desired times and program P2 and P2 with the same time as P1.
Remote Control Operation

**AUTOMATIC TURN DOWN**

- **No communication.** If there is no communication between the receiver and the handset for a period of 6 hours, the appliance goes into pilot mode.

- **No change in flame height.** If there is no change in flame height for a period of 6 hours, the appliance goes into pilot mode.

**NOTE:** In TEMP or TIMER modes, the flame height will vary according to room temperature. The appliance will continue to work normally. However, if the room temperature remains the same for 6 hours, the appliance will go into pilot mode.

**LOW BATTERY INDICATION**

**CAUTION**

**DO NOT USE** a screwdriver or other metallic object to remove the batteries from the battery box or the handset! This could cause a short circuit.

**Remote handset:** The battery icon ☀ will show when the battery needs to be replaced. Replace with one 9 V *alkaline* battery.

**Battery holder:** Frequent ‘beeps’ for 3 seconds when the valve motor turns indicate the batteries need to be replaced. Replace with four 1.5 V *alkaline* batteries.

**HANDSET / RECEIVER MATCH**

The remote control handset and receiver are programmed to function together. In case of a replacement of the handset or the receiver, you will need to reset the receiver to allow them to function together. Contact your dealer for details.

**AUTOMATIC SHUT OFF**

- **Low batteries in the battery holder.** With low battery powering the receiver the system shuts off completely.

  **NOTE:** This does not apply when the power supply is interrupted.

- **No change in pilot.** The appliance shuts off completely when it is continually in pilot position—without any change—for a period of 5 days.

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**TIMER PROGRAMMING EXAMPLE (DEFAULT TEMPERATURES SHOWN)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Setting</th>
<th>Temp (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 a.m.—</td>
<td>Start time</td>
<td>P1 ☀</td>
</tr>
<tr>
<td>8:00 a.m.—</td>
<td>End time</td>
<td>P1 ☐</td>
</tr>
<tr>
<td>4:00 p.m.—</td>
<td>Start time</td>
<td>P2 ☀</td>
</tr>
<tr>
<td>10:00 p.m.—</td>
<td>End time</td>
<td>P2 ☐</td>
</tr>
<tr>
<td>6:00 a.m.—</td>
<td>Start time</td>
<td>P1 ☀</td>
</tr>
</tbody>
</table>

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**NOTE:**

- **In TEMP or TIMER modes, the flame height will vary according to room temperature. The appliance will continue to work normally. However, if the room temperature remains the same for 6 hours, the appliance will go into pilot mode.**

- **In TEMP or TIMER modes, the flame height will vary according to room temperature. The appliance will continue to work normally. However, if the room temperature remains the same for 6 hours, the appliance will go into pilot mode.**
The Wall Switch can be used to control your fireplace. You can turn the pilot on or off and you can increase or decrease the flame height.

Note that the thermostat and programming functions are not available with the wall switch.

### TO TURN APPLIANCE ON and OFF
- Press ON-OFF button once to light pilot. Press again to shut off pilot.

### TO ADJUST FLAME HEIGHT
- Press and hold large flame button to gradually increase flame height.
- Press and hold small flame button to gradually decrease flame height.

---

**Options**

### Required Kits*

**Fuel Beds (choose one)**
- 1500DGS—Decorative Glass Set
- 1505DWK—Driftwood Set Kit
- 1510DGM—Decorative Glass Murano
- 1514RSS—Rock & Shale Set

**Ceramic Liners (choose one)**
- 1615FBL—Linear Fluted Black Panel Set
- 1625RGL—Reflective Glass Panel Kit

**Trims (choose one)**
- 1550—Linear 3-1/2" Surroun ds with Barrier Screen 4003282
  - 1550LSB—Black
  - 1550LSZ—Bronze
  - 1550LSP—Nickel
- 1555LFB—Linear 1" Finishing Trim Black with Barrier Screen 4003989
- 1570RCS—Linear Reinforced Concrete Surround with Barrier Screen 4003416

### Optional Accessories*

**Conversion Kits**
- 1600PGK—Conversion Kit to Propane Gas
- 1500NGK—Conversion Kit to Natural Gas

**Other Accessories**
- 1270RBK—Remote Blower Kit
- 1506DRK—Additional Rock Kit for Long Beach Drift Wood Kit

**Hearth Gate**
Hearth gates such as Cardinal’s VersaGates are available at retail stores carrying safety products for children.

*Information accurate at the time of printing and subject to change without notice.
FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

A. This appliance has a pilot which must be lighted by hand, remote control, or wall switch. Follow these instructions exactly. To save gas, turn the pilot off when not using the appliance for a prolonged period of time.

B. BEFORE LIGHTING, smell all around the appliance area for gas. Be sure to smell next to the floor because some gases are heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS
• Do not try to light any appliance.
• Do not touch any electric switch; do not use any phone in your building.
• Immediately call your gas supplier from a neighbor’s phone. Follow the gas supplier’s instructions.
• If you cannot reach your gas supplier, call the fire department.

C. Use only your hand to push in or turn the control knobs. Never use tools. If the knobs will not push in or turn by hand, don’t try to repair them; call a qualified service technician. Force or attempted repair may result in a fire or explosion.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control, which has been under water.

LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above.

2. TO CLEAR ANY GAS, turn main valve off by pressing OFF (red dot) button on remote handset (1).
   • Wait five (5) minutes to clear out any gas, then smell for gas, including near the floor. If you smell gas, STOP! Follow “B” in the safety information above on this label. If you don’t smell gas, go to the next step.

3. AUTOMATIC IGNITION: MAN-knob (2) in ON position. Ensure Flame Adjustment knob (3) is set to lowest setting (⌀) (Fig. 1). Locate the pilot (Fig. 3) inside of firebox at left hand side.
   • On the remote control handset, press the OFF button (red dot) and large flame button ( ), simultaneously; a short acoustic signal confirms the start has begun.
   • Further short acoustic signals indicate the ignition process is in progress.
   • When the pilot is lit, the Flame Adjustment knob (3) will automatically rotate to the highest setting.
   • Press the small flame button ( ) on the remote control handset to reduce the flame height.

4. MANUAL IGNITION: MAN-knob (2) in MAN position (Fig. 2). With the window off, locate the pilot (Fig. 3) inside of firebox at left hand side.
   • Set Flame Adjustment knob (3) to the lowest setting (⌀).
   • Push down the metallic core (4) with a pen or similar instrument; this will establish the pilot gas flow.
   • Light gas at the pilot (5) with a match.
   • Continue holding down metal core (4) for about 10 seconds; after release, pilot should remain lit.
      • If the pilot will not stay lit after several tries, turn the gas control knob (3) to OFF (⌀) and call your local service technician or gas supplier.
      • Reinstall the window and set the MAN-knob (2) to ON; turn Flame Adjustment knob (3) up (⌀) or down (⌀) manually or use the flame buttons ( ) on the remote control handset to adjust the flame height.

TO TURN OFF GAS TO APPLIANCE

AUTOMATIC SHUT-OFF (using the remote control handset):
• Press and hold the small flame button ( ) on the remote control handset to shut-off the main burner gas flow.
• Press OFF button (red dot) on remote handset to shut-off the appliance, including pilot flame.
State of Massachusetts Carbon Monoxide Detector/Vent Terminal Signage Requirements

For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

1. INSTALLATION OF CARBON MONOXIDE DETECTORS. At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gas fitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gas fitter shall observe that a battery operated or hard wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors.

   a. In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with an alarm and battery back-up may be installed on the next adjacent floor level.

   b. In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

2. APPROVED CARBON MONOXIDE DETECTORS. Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

3. SIGNAGE. A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) inch in size, "GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS".

4. INSPECTION. The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08(2)(a)1 through 4.

   (b) EXEMPTIONS: The following equipment is exempt from 248 CMR 5.08(2)(a)1 through 4:

   1. The equipment listed in Chapter 10 entitled “Equipment Not Required To Be Vented” in the most current edition of NFPA 54 as adopted by the Board; and

   2. Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

(c) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM PROVIDED. When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

   1. Detailed instructions for the installation of the venting system design or the venting system components; and

   2. A complete parts list for the venting system design or venting system.
(d) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED. When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies “special venting systems”, the following requirements shall be satisfied by the manufacturer:

1. The referenced “special venting system” instructions shall be included with the appliance or equipment installation instructions; and

2. The “special venting systems” shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.
Specifications

Approval & Codes
This appliance is certified to ANSI Z21.88-2014/CSA 2.33-2014 American National Standard / CSA Standard for Vented Gas Fireplace Heaters for use in Canada and USA, and to CGA 2.17-91 High Altitude Standard in Canada. This appliance is for direct vent installations.

This appliance complies with CSA P4.1-09 Testing method for measuring annual fireplace efficiencies.

The installation must conform to local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1 or the Natural Gas and Propane Installation Code CAN/CGA-B149. Only qualified licensed or trained personnel should install this appliance.

This appliance must be electrically 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.

Ratings

<table>
<thead>
<tr>
<th>Model</th>
<th>N</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas</td>
<td>Natural</td>
<td>Propane</td>
</tr>
<tr>
<td>Altitude (Ft.)*</td>
<td>0-4,500 feet*</td>
<td></td>
</tr>
<tr>
<td>Input Maximum (Btu/h)</td>
<td>30,000</td>
<td>26,000</td>
</tr>
<tr>
<td>Input Minimum (Btu/h)</td>
<td>18,000</td>
<td>18,500</td>
</tr>
<tr>
<td>Manifold Pressure (in w.c.)</td>
<td>4.0”</td>
<td>10.0”</td>
</tr>
<tr>
<td>Minimum Supply Pressure (in w.c.)</td>
<td>5”</td>
<td>11”</td>
</tr>
<tr>
<td>Maximum Supply Pressure (in w.c.)</td>
<td>10”</td>
<td>14”</td>
</tr>
<tr>
<td>Main Burner Injector Marking</td>
<td>850</td>
<td>260</td>
</tr>
<tr>
<td>Pilot Injector Marking</td>
<td>51</td>
<td>30</td>
</tr>
<tr>
<td>Min. Rate By-Pass Screw</td>
<td>220</td>
<td>160</td>
</tr>
</tbody>
</table>

*High Altitude Installations*
Input ratings are shown in BTU per hour and are certified without deration for elevations up to 4,500 feet (1,370 m) above sea level.
For elevations above 4,500 feet (1,370 m) in USA, installations must be in accordance with the current ANSI Z223.1 and/or local codes having jurisdiction. Heating value of gas in some areas is reduced to compensate for elevation—consult your local gas utility to confirm.

For installations at elevations above 4,500 feet (1,370 m) in Canada, please consult provincial and/or local authorities having jurisdiction.

Supply Gas
Heater engine 1600IN is used with natural gas.
Heater engine 1600IP is used with propane gas.
The supply pressure must be between the limits shown in the Ratings section above.

![Valve access side](image)

The supply connection is 3/8” NPT male and located on the left hand side of the firebox. A shut-off valve (not supplied) is required on the supply line to isolate the unit during service. See Gas Supply Installation section for details.

Conversion Kits
The 1600 L1 Two-Sided is supplied as natural gas or propane gas and is field convertible between fuels. See instructions packaged with the conversion kit for further information.

Electrical
The 1600 is designed to run on battery power and does not require an electrical power source to operate as a heater. However, it requires electrical power to operate optional 1270RBK Remote Blower Kit.
Overview

Combustible Floor

Combustible Framing Allowed Beneath Fireplace. When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and recessed depth of the appliance.

1/2 inch thick non-combustible cement board – NOT supplied

Supplied as horizontal side outlet, field convertible to top vertical outlet.

WARNING

Some materials or items, although safe, may discolor, shrink, warp, crack, peel, and so on because of the heat produced by the fireplace. Avoid placing candles, paintings, photos, and other items sensitive to heat around the fireplace.

WARNING

HOT WALL SURFACES! The wall directly above the fireplace is constructed of non-combustible materials and, although safe, it may reach temperatures in excess of 250° F depending on choice of trims. Do not touch. Finish the wall using materials suitable for these temperatures.
Dimensions & Location

Dimensions

[Diagram showing dimensions and location of components]

Location

[Diagram showing different locations for the product: Room Divider, Island, Peninsula, NOT for exterior wall installation]
Mantel & Hearth Clearances

Combustible Mantel—Left Side View

Same dimensions and restrictions apply to both sides of the appliance

- Mantel Projection (from Face of Cement Board)
  - 0, 2", 4", 6", 8", 10", 12"

- Mantel Height (from Bottom of Unit)
  - 33"
  - 38"
  - 40"
  - 42"
  - 44"

- Face of 1/2" thick non-combustible cement board
  - 23-7/8"

- 4" minimum to combustible or non-combustible hearth

- Do not put furniture or objects within 36" (914 mm) of front of appliance

- 24" Min. to Ceiling

- Ceiling

- 23-7/8"

- 9-3/8"

- Bottom of Unit

- Fireplace Opening

- Fireplace Opening

- Same dimensions and restrictions apply to both sides of the appliance.
Mantel & Hearth Clearances

Combustible Sidewall / Mantel Leg—Top View

FIREPLACE

Face of Finished Wall

Fireplace Opening
39-11/16”

Wall

Min. 4” to wall or combustible
Framing Requirements

Minimum Cement Board Dimensions (required for both sides of fireplace)

Minimum coverage area of non-combustible cement board. Any wall finish applied to shaded area must be non-combustible.

Non-combustible cement board required thickness: 1/2 inch (13 mm)

Min. 6-1/2" (165 mm) Min. 20-1/2" (521 mm) Min. 53" (1346 mm)

Critical!
This dimension is total framing cavity depth not including any wall finish.

*18-1/2"

NOTE: Height of cavity may be affected by vent configuration with clearance - see page 26.

Between underside of header and bottom of firebox

1/2" thick non-combustible cement board required above, on each side and below engine opening (NOT supplied) - see page 36.

NOTE: This unit requires a solid platform to support it. Combustible framing allowed beneath fireplace. When the appliance is installed directly on carpeting, tile or other combustible material other than wood flooring, the appliance shall be installed on a metal or wood panel extending the full width and recessed depth of the appliance.

No hearth required. If using a hearth, see page 23.

Joints preferred at corners to prevent cracking

Flush with bottom of unit; add extra cement board if overlapping framing.

Linear 1600 fireplace outline (including stand-offs)

Qualified Installer
### Venting Considerations—Vertical Takeoff

- **Notes—**ALL venting considerations
  - Dimensions of venting are based on using Dura-Vent elbows. Elbow curve radius dimensions will vary when using other brands and in general are slightly bigger.
  - Minimum 12 inches vertical pipe section required within vent system either right off unit or downstream after horizontal run. Refer to venting chart on page 29 for allowable horizontal runs.
  - 3 inches to combustibles required above horizontal pipe. Slope pipe upwards 1/4 inch per foot. 1 inch clearance required around sides and bottom of horizontal pipe and around vertical pipe.
  - When calculating effective pipe lengths subtract approximately 1-1/2 inch for pipe joint - for example, a 12 inches pipe section will add approximately 10-1/2 inches overall.

#### Required clearance
- Stand-off space: 9-3/8\(\text{in} (238\text{mm})\) to underside of combustible cavity
- 19-1/4\(\text{in} (489\text{mm})\)
- 14-1/2\(\text{in} (369\text{mm})\)
- 3-3/8\(\text{in} (86\text{mm})\)
- 2-1/2\(\text{in} (64\text{mm})\)

#### Notations
- **Framing Requirements**
  - QUALIFIED INSTALLER

---

### Venting Considerations—Horizontal Takeoff

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#### Notations
- **Framing Requirements**
  - QUALIFIED INSTALLER

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**Miles Industries**
Top or Side Outlet
This unit is supplied with a top vent outlet which can be field-converted to a side vent outlet. See *Appliance Preparation* section for more information.

Vent Material
This unit is approved for installation using 4 x 6-5/8 inches co-axial direct vent pipe and accessories as listed in the *Approved Venting Components* section on pages 55–56 of this manual. Follow the installation instructions supplied with the individual venting accessories.

This unit may also be converted to co-linear (2 x 3 in) venting for use in solid-fuel burning fireplaces and chimneys using adapters and accessories—see list in the *Approved Venting Components* section on pages 55–56 of this manual.

Vent Sealing
Seal all outer coaxial pipe and elbow joints, including sectioned elbow joints, using high quality, high temperature 2 inch wide self-adhesive aluminum foil tape (Nashua-322-2 brand or similar). Wrap the tape completely around all joints and press firmly to seal.

A high temperature black silicone sealant may be used in the outer joints as a substitute to foil tape.

Ensure all the pipe joints have a minimum of 1 ¼ inch overlap.

Wall Thickness
The appliance vent is suitable for penetrating a combustible wall assembly up to 8 inches in thickness. A non-combustible wall can be of any thickness up to the maximum horizontal run of vent pipe allowed for the particular installation.

Framing Vent in Combustible Walls & Ceilings
When penetrating through combustible walls and ceilings, frame a minimum of 10 in x 10 in opening and ensure that the insulation is kept clear of the vent pipe using either a wall thimble or an attic insulation shield. Follow the installation instructions supplied with the individual venting components.

Important Installer Notice – Weather Sealing & Vapor Barriers
It is the installer’s responsibility to ensure that vent installations through exterior walls are caulked and weatherproofed in such a manner as to:

- Prevent rain water from entering the wall from the weather side by adequately caulking the outer vent plate to the exterior wall surface.
- Prevent moisture inside the home from penetrating into the wall structure by ensuring the inside wall plate is adequately sealed to the inside vapor barrier.
- Prevent rain water and moisture from entering the walls by sealing the joints between the outer vent tube and the inner and outer wall plates.

We recommend the use of a high quality polyurethane sealant.

All horizontal pipe runs must be graded 1/4 inch per foot upwards in the direction of the exhaust flow. The final pipe length, when terminating through the wall may be graded downwards slightly to prevent water migration.
Co-axial Venting

Typical Co-axial Venting Components

- Vertical Termination
- Storm Collar
- Flashing
- Attic Insulation Shield
- Attic Firestop
- Ceiling Firestop
- Pipe Length
- Horizontal Termination
- 2-Piece Wall Thimble
- Pipe Length
- 90° Elbow
- Side Outlet

Top Outlet

QUALIFIED INSTALLER
Co-axial Venting

How to Read the Venting Chart
The chart below applies to co-axial roof or wall termination.
1. Minimum 12 inch vertical pipe section required within vent system either right off unit or downstream after horizontal run.
2. The total length of the vent pipe cannot exceed 40 feet.
3. The minimum vertical height with roof termination is 6 feet.
4. Any combination of rise and run can be used as long as they are within the allowable limits shown on the chart below.
5. A maximum of 4 x 90 degrees elbows—or equivalent (2 x 45 degrees = 90 degrees)—can be used. Excludes the 45 degrees take-off elbow shipped with the appliance.
6. Each 90 degrees elbow installed on the horizontal plane is equivalent to a 3 feet horizontal pipe; therefore, 3 feet must be subtracted from allowable horizontal run. (45 degrees elbow is equivalent to 18 inches horizontal pipe.)
7. All horizontal pipe runs must be graded 1/4 inch per foot upwards in the direction of the exhaust flow. The final pipe length, when terminating through the wall may be graded downwards slightly to prevent water migration.
8. A restrictor adjustment is required for most installations having a vertical rise—see next section.

Note: The restrictor is shipped installed at the exhaust exit of the firebox.

Venting Chart
4 x 90° ELBOWS MAXIMUM (or equivalent)

Allowable Co-Axial Vent Configurations with restrictor positions

Example 1
V Value = V1 (3') + V2 (2') + V3 (1') = 6'
H Value = H1 (0') + H2 (3') = 3'
Restrictor position # 2 required
Restrictor

The restrictor is located in the roof of the firebox hidden above the top liner panel. Adjust the restrictor before installation of the top liner panel. Should subsequent adjustment be required, you will need to remove the top liner panel—see page 40.

**ALL INSTALLATIONS REQUIRE A RESTRICTOR** for improved flame picture and performance. This unit is supplied with a pre-fitted restrictor having five different positions or settings. The restrictor is shipped mounted at the maximum open position which is used for rear venting with no vertical rise. The level of restriction required depends on the vertical rise in the venting system and, to a lesser degree, the horizontal run and number of elbows.

The amount of restriction is based on laboratory tests. The ideal restrictor position may vary slightly, especially when the vent pipe length is near the limits of the acceptable configurations for each type of restrictor.

The chart on the previous page shows the vent restrictor required relative to the length of the vent pipe.

To set the restrictor position:

1. Establish the required position of the restrictor looking up the venting table on the previous page.
2. Release the screws (2) on each side of the restrictor already installed on the firebox roof port.
3. Slide the restrictor in the required position.
4. Tighten the screws.
Horizontal Vent Termination Location

- The vent terminal must be located on an outside wall or through the roof.
- This direct vent appliance is designed to operate when an undisturbed airflow hits the outside vent terminal from any direction.
- The minimum clearances from this terminal that must be maintained when located on an outside wall are shown in figure below. Any reduction in these clearances could result in a disruption of the airflow or a safety hazard. Local codes or regulations may require greater clearances.
- The vent terminal must not be recessed into a wall or siding.
- The vent terminal should be positioned where any snowdrifts will not cover it.
- Sidewall vent terminations require a terminal guard such as 658TG or 845TG when accessible—within 7' of ground.

<table>
<thead>
<tr>
<th>KEY</th>
<th>VENT TERMINAL LOCATIONS - MINIMUM DISTANCES</th>
<th>MINIMUM CLEARANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Clearance above grade, verandah, porch, deck or balcony</td>
<td>12 30</td>
</tr>
<tr>
<td>B</td>
<td>Clearance to window or door that may be opened</td>
<td>12 30</td>
</tr>
<tr>
<td>C</td>
<td>Clearance to permanently closed window (recommended to prevent condensation on window)</td>
<td>12 30</td>
</tr>
<tr>
<td>D</td>
<td>Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (60 cm) from the center-line of the terminal</td>
<td>18 46</td>
</tr>
<tr>
<td>E</td>
<td>Clearance to unventilated soffit</td>
<td>12 30</td>
</tr>
<tr>
<td>F</td>
<td>Clearance to outside corner</td>
<td>12 30</td>
</tr>
<tr>
<td>G</td>
<td>Clearance to inside corner</td>
<td>12 30</td>
</tr>
<tr>
<td>H</td>
<td>Horizontal clearance to center-line of meter/ regulator assembly located within 15 feet (4.6 m) below the terminal</td>
<td>36 90</td>
</tr>
<tr>
<td>I</td>
<td>Clearance to service regulator vent outlet</td>
<td>36 90</td>
</tr>
<tr>
<td>J</td>
<td>Clearance to non-mechanical air supply inlet to the building or the combustion air inlet to any other appliance</td>
<td>12 30</td>
</tr>
<tr>
<td>K</td>
<td>Clearance to a mechanical air supply inlet</td>
<td>72 180</td>
</tr>
<tr>
<td>L</td>
<td>Clearance above paved sidewalk or a paved driveway located on public property</td>
<td>84 210</td>
</tr>
</tbody>
</table>

**Note:** A vent must not terminate directly above a sidewalk or paved driveway, which is located between two single-family dwellings and serves both dwellings. THIS DOES NOT APPLY to direct vent, non-consdensing appliances in the Province of Ontario.

- Clearance under a verandah, porch, deck or balcony
  - Only permitted if veranda, porch, deck or balcony is fully open on a minimum of 2 sides beneath the floor

**Note:** Local codes and regulations may require different clearances.
### Vertical Vent Termination

<table>
<thead>
<tr>
<th>Roof Pitch</th>
<th>Minimum &quot;H&quot; (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat to 7/12</td>
<td>1'</td>
</tr>
<tr>
<td>Over 7/12 to 8/12</td>
<td>1.5'</td>
</tr>
<tr>
<td>Over 8/12 to 9/12</td>
<td>2'</td>
</tr>
<tr>
<td>Over 9/12 to 10/12</td>
<td>2.5'</td>
</tr>
<tr>
<td>Over 10/12 to 11/12</td>
<td>3.25'</td>
</tr>
<tr>
<td>Over 11/12 to 12/12</td>
<td>4'</td>
</tr>
<tr>
<td>Over 12/12 to 14/12</td>
<td>5'</td>
</tr>
</tbody>
</table>

**Diagram:**
- Horizontal overhang
- Min. 24" (unvented soffit) Min. 36" (vented soffit)
- Storm collar
- Roof flashing
- Overhang should not extend beyond vent if within 48" of termination cap
- Min. 18" Termination cap
- Min. 18" Vertical wall
- Vertical Vent Termination
- Co-axial Venting

**QUALIFIED INSTALLER**
Co-linear Venting

Conversion to Co-Linear Liners using generic Co-Linear Adapters

Co-linear portion of vent system may only be installed within a solid-fuel burning fireplace and chimney. The appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance. Requires a Co-Axial to Co-Linear appliance Adapter, two lengths of 2-ply 3" dia. flexible chimney liner approved for venting gas appliances, a co-linear termination kit and flashing or a co-linear to co-axial adapter and either a high wind vertical vent terminal cap or a low profile vertical termination.

Rules for Co-Linear Venting

- Maximum 40 feet vertical pipe
- Minimum 10 feet vertical
- Maximum offset 8 feet with liners at minimum 45 degrees from horizontal plane
- Restrictor: Use #4 position for all co-linear installations—refer to page 30 for restrictor positioning.

Any finishes applied around the fireplace must be non-combustible

Co-linear terminal configurations

Alternate to 559CLT/559FSK Conversion

Co-Linear to Co-Axial Adapter

Flashing

Terminal Cap

559CLT Co-Linear Terminal

559FSK Flashing Kit

Dura-Vent #46DVA-GCL Co-Axial to Co-Linear Adapter
Installer—READ THIS FIRST

Only qualified licensed or trained personnel should install this appliance.

1. YOU NEED TO KNOW FROM THE HOMEOWNER:
   - The height of the unit and hearth if used;
   - The thickness and type of the wall finish around the firebox opening;
   - What accessories (trim, etc.) will be installed with this fireplace;
   - The venting configuration.

2. Unpack the appliance, removing all items packed inside and around the appliance.
3. Check that you have everything, using the Pack Content sheet. Also, check that you have:
   ◊ a fuel bed (packed separately)
   ◊ a set of liners (packed separately)
4. Install the top and side stand-offs to the appliance.
5. Finish the framing.
6. Fit the appliance into framing and fix it to the framing.
7. Remove the window on the valve access side of the appliance.
8. Install the venting system and tape vent pipe joints.
9. Position the restrictor.
10. Connect and test the gas supply.
11. Install the liners.
12. Install the fuel bed.
13. Refit the window and the hot glass safety plate if removed.
14. Install the remote battery & wall switch kit.
15. Initialize the remote control system.
16. Verify the operation and adjust aeration settings.
17. Install the remote control handset wall holder.
18. Instruct the homeowner on the operation and maintenance of the fireplace.
19. Finish the wall around the fireplace.
20. Install the surround trim and barrier screen.

Installation Planning

Unpack appliance

Beware of sharp edges! Wear gloves!
1. Remove the cardboard wrapping and the wood pallet from the appliance and discard.
2. Unpack any loose items from around the appliance.
3. Verify that you have all the components required for the installation, including:
   - approved non-combustible cement board;
   - liners and fuel bed (in separate cartons);
   - trim kit with barrier screen;
   - venting components and accessories.

Fit Stand-offs
1. The four top stand-offs are supplied flat on the firebox and fixed at one end. Bend them as shown and fix the loose end to the top of the firebox.
2. The four side stand-offs are supplied flat. Bend them and fix them to the sides of the firebox as indicated with the screws supplied (2 stand-offs per side).
Install Heat Shield (side outlet only)
Install the heat shield on the top of the appliance case (3 screws). If using the top outlet, discard the shield.

Convert from Side to Top Outlet (if required)
This unit is supplied with a horizontal side vent outlet which can be field-converted to a top outlet.
Please note that the side outlet requires the installation of the heat shield on top of the heater case as indicated.
1. Remove the side outlet collar (6 screws).
2. Swivel the collar and install as a top outlet (6 screws).

Fit the appliance into framing
1. Remove the 4 screws retaining the engine to its pallet.
2. Taking great care not to cut your hands on the sheet metal edges, lift the appliance out of its packing base and place it in the framing. Make sure that the unit is at the right height with consideration to the height of the hearth or combustible flooring.
3. Fold out 3 mounting tabs on one face and recess the appliance in the framing as shown. Fold out the 3 remaining tabs on the other side.
4. Fasten the unit to framing using 3 screws or nails at the mounting tabs on each side.
Note: The sheet metal front face of the appliance is flush with the framing studs.
Plan Wall Finish

Non-combustible cement board
The L1 Linear see-thru fireplace requires a 1/2" (13 mm) thick non-combustible cement board to be used as a wall surface immediately surrounding the unit on each side—see diagram below for minimum coverage.

Extending the cement board well beyond the minimum shown will help avoid cracking due to differential expansion of materials.

Pre-drill cement board with oversized holes and do not overtighten screws to avoid cracking due to heat expansion.

Standard gypsum wall board may be used beyond the perimeter of the cement board.

Non-combustible finishing over cement board
Additional non-combustible material such as tile, etc., may be applied over top of the cement board or you may choose to leave it finished clean with no tile, etc.—see page 37. Be aware that a trim is always required and that only the 1555 and 1550 style trims will accept tile, etc. tucked behind them (up to 5/8" thick for the 1555 and up to 1 inch thick for the 1550). Additional non-combustible finishes, if desired, may be butted up to the concrete trim 1570RCS. Finish should not cover the trims.

Note: When installing the 1555 1" trim, allow space for the barrier screen lower tabs by notching the cement board/wall finish at the bottom of the opening (same dimensions on both sides). Joints preferred at corners to prevent cracking.

Minimum cement board dimensions
Installation

Cracking wall finishes
If a clean finish with no tile, etc. is desired, joints in the cement board and the transition to gypsum board will require special attention if future cracking is to be controlled. Be aware that temperatures on the non-combustible wall surface above the appliance can exceed 250°F.

Below are some tips on how to best avoid any cracking:
- Allow materials to dry thoroughly before finishing the wall. Cement board has the ability to absorb up to 30 percent of its weight in water and may shrink as much as 1/8" over a 48" length when drying from a saturated condition. Running the fireplace before final finishing will help drive out moisture.
- Always pre-drill screw holes through cement board and use screws with self-milling head.
- Always use tape over joints.
- Behind joints, double up studs or use studs “on the flat” to add extra support to the joint. Adhesive on the backside of wall board behind any joints can help control differential movement.
- Use multiple, thinner coats of joint compound and allow to dry thoroughly between coats.
- Ensure framing materials are dry.
- After finishing the wall, introduce heat gradually to slowly dry any excess moisture rather than drying too fast.
- Avoid notching cement board or tiles around corners of window opening and instead provide a joint that intersects the corner.

Remove Window
The windows are held in place by a spring-loaded lever on each side. **Remove the window on the valve access side only.**

1. Locate the levers on each side of the window towards the top. Using your finger, pull the lever towards you and unhook it from the window frame bracket.
2. Gently pull the top of the window outward.
3. Lift the window out of its bottom railing and set it aside in a safe place to avoid damage.

Section Views
**Set-up Gas Supply**

The gas supply inlet connection is a 3/8” NPT male connector located on the left hand side of the firebox.

The unit is supplied with a stainless steel flex line to allow the appliance to be disconnected for service. An individual shut-off valve (not supplied) is required on the supply line ahead of the flex connector.

Use only new black iron or steel pipes or copper tubing if acceptable—check local codes. Note that in USA, copper tubing must be internally tinned for protection against sulfur compounds.

Unions in gas lines should be of ground joint type.

The gas supply line must be sized and installed to provide a supply of gas sufficient to meet the maximum demand of the appliance without undue loss of pressure.

Sealant used must be resistant to the action of all gas constituents including LP gas. Sealant should be applied lightly to male threads to ensure excess sealant does not enter gas lines.

**Pressure test the supply line for leaks.**

The appliance and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).

Failure to either disconnect or isolate the appliance during pressure testing may result in regulator or valve damages and void the warranty. Consult your dealer in case of damages.
Pressure Test Points
The minimum supply pressure is given in the section Specifications of this manual—page 20.

All piping and connections must be tested for leaks after installation or servicing. All leaks must be corrected immediately.

When testing for leaks:
• Make sure that the appliance is turned off.
• Open the manual shut-off valve.
• Test for leaks by applying a liquid detergent or soap solution to all joints. Bubbles forming indicate a gas leak.

Never use an open flame to check for leaks. Correct any leak detected immediately.

The pressure test tapping locations are shown in the figure at right. An internal regulator within the valve controls the burner manifold pressure. The correct pressure range is shown in the table in section Specifications of this manual on page 20. The pressure check should be made with the burner alight and at its highest setting. See Lighting Instructions section for full operating details on page 17.
Install Liners
The liners install in the manner outlined below. Unpack them carefully as they are fragile.

Ceramic panels
1. Identify the top and bottom (fire) sides of the top panel, then slide it between the top panel support brackets.
2. Lift the top panel slightly at one end of the firebox and place one side panel against the end wall and side of the firebox ensuring it is well seated against the firebox side.

Glass panels
The glass panels must first be fitted with the anchor brackets included in the carton. The top panel is made of ceramic and is provided with the appliance.
1. Place one side glass panel against the side wall of the firebox, smooth side showing.
2. Fit the anchor bracket to top of side panel as indicated.
3. Install the top panel with its overhanging part resting on the anchor bracket.
4. Add the other side glass panel and anchor; place the other end of the top panel on its anchor bracket.
Install Driftwood Kit 1505DWK

Material required
- Black steel platform (supplied with appliance)
- Small container to distribute vermiculite (non included)
- Driftwood Kit containing:
  ◦ 5 logs
  ◦ 6 pebbles
  ◦ 1 bag of vermiculite

Installation

Platform
Carefully unpack the kit.

1. Install the steel platform around the burner as indicated. The openings in the platform should be underneath. Push the platform as far back as possible to maximize the air gap behind the burner.

2. Fill a small container with the equivalent of approximately 3 cups (750 ml) of vermiculite from the bag supplied.

3. Carefully spread the vermiculite on the surface of burner patting it gently with your hand to form a single layer to the approximate level of the top of the flange at the edge of the burner. Do not pour too much to avoid blocking the burner ports.

NOTE: Ensure the area within the pilot shield is clear of vermiculite.
**Logs and rocks**
The log and rocks pack contains a center log which is not being used in this installation. Another log is provided with the fireplace in a small separate box and should be used instead.

1. Place the rear left log as indicated.

2. Place the right log as indicated.

3. Place the front left log as indicated.

4. The rear log has two pins underneath and one on top. It is provided with the appliance as a single log. Place the rear log in the center of the firebox as indicated.

   **NOTE:** There are two holes for the left peg of this log. Use the log closer to you so that when the log is placed you don’t see any empty hole.

5. Place one end of the cross log on the rear center log as indicated and rest its other end on the platform in front of the burner.

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**Installation**

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**QUALIFIED INSTALLER**

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**MILES INDUSTRIES**
6. Some vermiculite may be added outside the burner on the platform if desired.
7. Place the rocks on the platform as shown below. You can also place one or two rocks on the vermiculite as shown.

**Warnning**
CHOKING HAZARD! Ensure that the fireplace area is clear of vermiculite particles as these could be ingested by small children. Vacuum area after installation.

**Install Decorative Glass Murano 1500DGM**

**Material required**
- Black steel platform (supplied with appliance)
- Small container to distribute fireglass (not included)
- Decorative Glass Murano kit, which contains:
  ◊ 1 bag clear 1/2" fireglass
  ◊ 1 glass platform

**Installation**
Carefully unpack the kit.
1. Install the steel platform around the burner as indicated. The openings in the platform should be underneath. The edge of the burner protrudes above the platform. Push the platform as far back as possible to maximize the air gap behind the burner.

**Important:** Approved for use only with the fireglass provided with your Valor fireplace or the tempered crushed fireglass brands American Fireglass™ or firegear. The use of any other fireglass products may void your fireplace warranty.
2. Install the glass plate on the platform, the textured side underneath and the smooth side on top. The plate is flush with the edge of the burner. Like for the steel platform underneath, push the glass platform as far back as possible to maximize the air gap behind the burner.

![Installed glass plate]

3. Fill a small container with approximately 3 cups (750 ml) of mixed fire glass.

4. Carefully spread the fireglass on the surface of burner patting it gently with your hand to form a single layer to the approximate level of the top edge of the flange around the burner. Do not pour too much to avoid blocking the burner ports.

![Fireglass being spread]

5. Some fireglass may be added on the platform to cover the edge of the burner and in the space in front and behind the pilot shield.

**NOTE:** Ensure the area within the pilot shield is clear of fireglass.

![Pilot shield]
**Install Decorative Glass Set 1500DGS**

**Material required**
- Middle platform brackets (supplied with set)
- Small container to distribute fireglass (not included)
- Decorative Glass Set, which contains:
  - 3 bags of crushed glass
  - 1 metal tray for glass

**IMPORTANT:** Approved for use only with the fireglass provided with your Valor fireplace or the fireglass brands American Fireglass™ or firegear. The use of any other fireglass products may void your fireplace warranty.

**Installation**

Carefully unpack the kit. To install this kit, the burner must be removed to flip the platform supports under the burner.

1. Remove the screw at the right end of the burner.

2. Slide the burner to the right to disengage it from the orifice and lift it out of the firebox.

3. Remove the two platform supports (2 screws each), flip them upside down and secure them back with the same screws.

4. Re-install the burner locating its left end within the burner support and sliding the burner to the left while centering it onto the injector elbow. Fix the burner support screw at the right end of burner to the burner support while pushing the burner to left to ensure tight fit against the gasket.

5. Install both middle platform brackets in front of and behind the burner, with the tabs downward, the tabs inserted into the slots of the platform supports as indicated.

6. Install the metal tray on top of the brackets as indicated. The tray, when installed properly, is flush with the front edge of the firebox opening. As well, the small round hole in the tray should be at the rear left when facing the firebox.
7. Carefully spread the fireglass in the tray and on the burner. Do not overfill the burner to avoid blocking the burner ports. Ideally, one layer of fireglass on the burner is sufficient.

![Fireglass installed—top view](image)

**NOTE:** Ensure the area around the pilot shield is not piled too high with fireglass and also ensure the area *within* the pilot shield is clear of fireglass.

![Pilot shield](image)

**WARNING**

**CHOKING HAZARD!** Ensure that the fireplace area is clear of fireglass particles as these could be ingested by small children. Vacuum area after installation.
Install Rocks & Shale Set 1514RSS

Material required
- Black steel platform (supplied with appliance)
- Small container to distribute shale (not supplied)
- Rock & Shale Set, which contains:
  ◊ 1/2lb-bag of 3/4” grey shale
  ◊ 1/2lb-bag of 3/4” black shale
  ◊ 5 twigs
  ◊ 29 rocks

Installation

Platform
Carefully unpack the kit.
Install the steel platform around the burner as indicated. The openings in the platform should be underneath. Push the platform as far back as possible to maximize the air gap behind the burner.

Rocks, Shale & Twigs
1. Place three rocks on the burner, one at each end and one in the middle as indicated. The rocks should not sit on top of the burner ports but can overhang slightly.
   Note: Although these rocks can be installed after the shale is distributed, it is recommended to install them first to obtain a better flame display.

IMPORTANT: Use only the ceramic rocks, twigs and shale provided with your Valor fireplace. The use of any other types of rocks, twigs or shale may void your fireplace warranty.

WARNING
CHOKING HAZARD! Ensure that the fireplace area is clear of shale pieces as these could be ingested by small children. Vacuum area after installation.
2. Mix the black and grey shale pieces and spread them in one layer thick on top of the burner around the three rocks. **Do not overfill!**

3. Install the rocks around the shale bed according to the image shown below. **Note:** Some of the rocks may overhang slightly over the burner edge.

4. Add the twigs to the rocks placing them as shown. **Note:** The position of the twigs are specific to obtain the best flame pattern.

**Note:** The acceptable variations are only for rocks installed on the black platform outside of the shale bed or pilot shield. **Do not put any rock on the pilot shield! Do not put more rocks on the shale bed than what is shown below!**
Installation

**Refit Window**

1. To refit the window, place it in its bottom railing. Ensure there is no glass or vermiculite particles in the bottom railing.

2. Push the top of the window frame against the firebox.

3. While you hold it, pull the side levers back into the window brackets on each side.

4. Apply firm hand pressure around the window frame to ensure the window is sealed tight against the firebox.

5. If the Hot Glass Warning plate has been removed from the front lower corner of the window, reinstall it by sliding it between the glass and the frame as indicated.

---

**WARNING**

Failure to install the window correctly can leak carbon monoxide, affect the performance of the fireplace, damage components, cause overheating resulting in dangerous conditions. Damage caused by incorrect window installation is not covered by the Valor warranty.

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**DANGER**

The window unit must be correctly installed, fastened and sealed after servicing or serious bodily injury and/or damage to the appliance may result.

To ensure a safe operation:
- Double-check that the bottom of the window frame is correctly installed in the bottom support railing;
- Verify that the levers are hooked properly to the window tabs then;
- Pull out the top of the window and release it to insure the springs return it;
- Ensure the window is sealed before operation.
**Install Remote Battery and Wall Switch Kit**

**RBWSK (required)**

The Remote Battery and Wall Switch Kit is provided with this appliance. It is connected to the receiver in the fireplace.

**Material required**

- 4 AA 1.5V alkaline batteries supplied with the engine
- Remote Battery and Wall Switch Kit, which contains:
  - 1 Wall Switch
  - 4 Screws
  - 1 Battery Holder
  - 1 Plate with magnets
  - 1 Battery Cover assembly
  - 1 Harness assembly - 25 ft
  - 1 Junction Box
  - 1 Plate with magnets
  - 1 Battery Cover assembly
  - 1 Harness assembly - 25 ft
  - 1 Junction Box
  - 1 Plate with magnets
  - 1 Battery Cover assembly

**Installation**

The receiver is located on the left side of the appliance, left of the control valve behind the appliance’s front panel. It is maintained in position with Velcro bands.

1. Pull out the receiver from its location to connect the battery holder and wall switch.
2. Feed the ‘white connector end’ of the harness assembly through side holes in fireplace liner body to receiver. Ensure sufficient harness length to allow for removal of receiver. Note - coil up any extra harness at fireplace end.
3. Connect switch to auxiliary 5-pin junction and power connection to jack.
4. Run harness assembly to mounted position of junction box, securing harness to framing using insulated staples (not included)
5. Feed harness assembly through a restrain on rear of junction box, feeding through until harness sheath is pinched by retainer and providing sufficient length to make connection to rear of switch and battery holder.
6. Secure junction box to the mounting surface using appropriate fasteners (not included)
7. Align molex connection on switch cable of harness assembly and connect to switch.

---

**CAUTION**

*Do not run the switch wire over the top of the firebox.* Route the wire so it does not contact the firebox.
8. Mount switch plate to junction box with 2 screws provided note: switch position left or right to suit homeowner wishes.

9. Locate and secure magnet plate using 2 ‘long’ screws provided

10. Place and secure cover plate to box using 4 screws provided

11. Feed cable tie through the 2 side slots of battery cover assembly.

12. Position battery holder to rear face and secure together with cable tie. note clearance is required for battery snap connection.

13. Make the snap connection, load 4 AA alkaline batteries into holder (included with fireplace) then feed back into junction box assembly. 
   **Note:** Do not put batteries in the receiver, only in the battery holder by the wall switch.

14. Test the operation of the wall switch—see page 16.
Check Operation
Turn the fireplace flame up and down using the remote control to confirm that the full range of inputs is achieved—see the remote control operation instructions on pages 11–15.

Adjust Aeration (if necessary)
Light the fire and allow the unit to warm up for 10–15 minutes to evaluate the flame picture. The burner is equipped with an adjustable shutter to control primary aeration (NG only). The shutter is factory-set to an aeration gap which will give optimum performance for the vast majority of installations.

In a few unusual installations, the flame picture may be improved by adjusting the aeration. The need for adjustment should be determined only by operating the appliance with the fuel bed and window installed.

Increasing aeration will cause the flames to appear more transparent and blue showing more ceramic effects glow.

Decreasing aeration will cause the flames to appear more yellow or orange showing less ceramic effects glow.

Too little aeration may result in black carbon forming and dropping into the firebox.

To access the air shutter, remove the front middle platform as indicated. The air shutter is located under the burner as shown in the illustrations. Loosen the air shutter screw, adjust and re-tighten.
Install Trim and Barrier Screen
Install the trim chosen by the customer for their fireplace. Install as well the barrier screen which is provided with the trim.
Show the customer how to remove the barrier screen to access the controls.
Follow the instructions provided with the trim and leave those instructions behind for the customer’s further reference.

Install Remote Control Handset Wall Holder
The remote control kit for this fireplace comes complete with a wall-mounted holder. This holder is not required in all installations but is provided as an optional feature for those customers who wish to mount the remote handset to the wall.
To install the holder to the wall, find a convenient location and use the hardware provided with the kit. See the diagram below for required hardware and configurations. Note that the holder can be installed at the base of a light switch plate.

IMPORTANT. The location of the remote control handset is important to assure proper temperature regulation. To obtain a constant temperature, we recommend that the handset should be between 3 and 15 feet away from the appliance but not directly above it. We also advise that the handset should be located away from any other heat source and not in direct sunlight as this may affect the temperature sensor located in the remote handset.
# Approved Venting Components

## Approved Direct Vent Suppliers for Valor Models 1100, 1150, 12005, 1400, 1500, 16005 and 17006

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### Approved Venting Components

#### Venting Parts Code / availability by Manufacturer

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<th>DURA-VENT</th>
<th>SELKIRK</th>
<th>ICC EXCEL</th>
<th>DIRECT</th>
<th>SECURE VENT</th>
<th>RLH INDUSTRIES</th>
<th>AMERIVENT</th>
<th>MILES INDUSTRIES</th>
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**Notes:**
1. Follow instructions supplied with each manufacturer’s components.
2. Unless otherwise specified, all the parts and assemblies from the above table are to be used with 4" x 6-5/8" pipes.
3. Do not mix components from different vent manufacturers.
4. Termination caps manufactured by RLH Industries or American Metal Products are from Homestyle Chimney Collection and can be ordered in one of the following finishes: a) aluminium; b) black powder coated; c) solid copper.
5. Miles Industries Valor Co-linear adapter 1156CLA cannot be used with models 1200 and 1600. Use only with models 1100, 1150, 1400, 1500 and 1700.
6. Only Miles Industries Valor Co-linear adapter 1156CLA can be used with models 1700.
Warranty

If you have a problem with this unit, please contact your dealer or supplier immediately. Under no circumstances should you attempt to service the unit in any way by yourself. The warranties in paragraphs 1 and 2 are provided only to the initial owner of this unit, are not transferable and are subject to the conditions and limitations in paragraphs 3, 4 and 5. Please review the conditions and limitations carefully and strictly follow their requirements.

1. Extended Warranty Coverage
For a period of up to ten (10) years, Miles Industries Ltd., (the “Company”) or its appointed distributor will at its option pay the initial owner for the repair of, or will exchange the following parts or components which are found to be defective in material or workmanship under normal conditions of use and service:

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<th>Part or Component</th>
<th>Defect Covered</th>
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<td>Exterior steel casing</td>
<td>Corrosion</td>
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<tr>
<td>Glass</td>
<td>Loss of structural integrity</td>
<td>10 years</td>
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<tr>
<td>Cast iron parts</td>
<td>Corrosion</td>
<td>10 years</td>
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<tr>
<td>Firebox and heat exchanger</td>
<td>Corrosion (but not discoloration) causing loss of structural integrity</td>
<td>10 years</td>
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2. Two-Year Parts Warranty
In addition, for two (2) years from the date of purchase, the Company, at its option, can repair or exchange all parts and components not listed above but that are found to have a *bona fide* defect in material or workmanship under normal conditions of use.

3. Conditions and Limitations
a) The warranty registration card must be completed by the initial owner and returned to the Company within 90 days of purchase. Alternatively, the warranty registration form may be filled out online at www.valorfireplaces.com.
b) Installation and maintenance must be performed by an authorized and trained dealer in accordance with the Company’s installation instructions.
c) This warranty is void where installation of the unit does not conform to all applicable codes including national and local gas appliance installation codes and building and fire codes.
d) The owner must comply with all operating instructions.
e) The Company is not responsible for the labor costs to remove defective parts or re-install repaired or replacement parts.
f) The initial owner of the unit will be responsible for any shipping charges for replacement parts as well as travel time incurred by the dealer to perform the warranty work.
g) This warranty applies to non-commercial use and service and is void if it is apparent that there is abuse, misuse, alteration, improper installation, accident or lack of maintenance to the unit.
h) This warranty does not cover damage to the unit due to:
   i) Improper installation, operational or environmental conditions.
   ii) Inadequate ventilation in the area or competition for air from other household equipment or appliances.
   iii) Chemicals, dampness, condensation, or sulphur in the fuel supply lines which exceeds industry standards.
i) This warranty does not cover glass, log breakage or damage to the unit while in transit.
j) The Company does not allow anyone to extend, alter or modify this warranty and assumes no responsibility for direct, indirect or consequential damages caused by the unit. State or provincial laws where the first purchaser or user resides may provide specific rights to extend this warranty and, if so, the Company’s sole obligation under this warranty is to provide labor and/or materials in accordance with those laws.

4. Discharge of Liability
After two (2) years from the date of purchase, the Company may, at its option, fully discharge all obligations under this warranty by paying to the first owner the wholesale price of any defective parts.

5. No Other Warranty
All obligations to repair this unit are defined in this warranty. Some states or provinces may specifically mandate additional warranties on the part of manufacturers, but in the absence of such specific legislation, there is no other warranty or obligation expressed or implied.
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<th>Part Number</th>
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<td>Injector elbow LPG 92-260</td>
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<td>Small beige beach pebbles (2)</td>
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<td>Grade 1A vermiculite, bagged</td>
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<td>Center log see-thru</td>
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<td>72</td>
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<td>73</td>
<td>Glacier Ice Fireglass, bagged (3)</td>
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<td>Fireglass metal tray</td>
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<td>76</td>
<td>Rocks &amp; Shale Set</td>
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<td>LH twig</td>
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<td>LH twig - short (2)</td>
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<td>No 16 Warm Grey 3 Gloss pitted rock (2)</td>
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<td>No 17 Grey 5 Gloss pitted rock</td>
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<td>90</td>
<td>Shale 3/4&quot; - grey, black 0.5lb ea</td>
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### Accessories

**Code**
- 1500DGM
- 1505DWK
- 1514RSS

### Diagrams
- 1615FBL
- 1625RGL
Spare Parts

[Diagram of spare parts with numbers and labels]

OWNER'S INFORMATION

MILES INDUSTRIES

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Thank You ...
For purchasing a Valor by Miles Industries. Your new radiant gas heater is a technical appliance that must be installed by a qualified installer.

*Please fill in the information below. The information provided will be used for customer records only.*

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