Report # F23-191

Millivolt:
V18M2-NG/LP
V18M3-NG/LP
V24M3-NG/LP
V30M3-NG/LP
Electronic Ignition:
V18E2-NG/LP
V18E3-NG/LP
V24E3-NG/LP
V30E3-NG/LP

INSTALLATION AND OPERATIONS GUIDE FOR REGENCY SYSTEMS

Designed Certified to Vented Decorative Appliance ANSI Z21.60-2017/CSA 2.26-2017 CGA 2.17-2017 Gas-Fired Appliances for use at High Altitudes

Approved for high altitudes up to 4500ft (1300m) in Canada

Installation and service must be provided by a qualified installer, service agency or gas supplier

Regency logs are made of cement refractory material re-enforced with steel fibers. Each of the logs are hand painted and hand finished to recreate the most realistic logs available on the market. The gas burner system is designed to recreate and burn like a real wood burning fireplace with a natural looking flame. With this in mind, the gas log sets MUST be burned in a fully vented, non-combustible fireplace with the DAMPER COMPLETELY OPEN and the chimney free of any obstruction or restrictions. The fireplace must be designed and approved to burn wood.

The realistic flame produced by Regency burners produce carbon monoxide and soot. Under standard conditions these byproducts are exhausted up the chimney. IF the fumes or soot from the burning gas are evident in the room when the damper is fully open it indicates that the fireplace draft is defective. IF this happens DO NOT operate your gas logs until the fireplace draft is corrected, call a service technician to fix the problem.

WARNING: If the information in this manual is not followed exactly, a fire or explosion may result, causing property damage, personal injury or loss of life

- **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any application**

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 the building**
- **Immediately call the gas supplier from a neighbor's phone. Follow the gas supplier's instructions**
- **If you cannot reach the gas supplier, call the fire department.**

- **Installation and service must be performed by a qualified installer, service agency or the gas supplier**

Regency log sets are to be installed only in a solid-fuel burning fireplace with working flue and construction of noncombustible material. The installation including provisions for combustion and ventilation air must conform with the *National Fuel Gas Code*, ANSI Z223.1/NFPA 54, or the CSA B149.1 Natural Gas and Propane Installation Code, and applicable local building codes.

A damper clamp is included to maintain the minimum permanent vent opening and to prevent full closure of the damper blade. The chimney damper must be fully opened when burning the log set. The log set is designed to burn with a yellow flame, thus adequate ventilation is absolutely necessary.

To comply with certifications, listings, and building code acceptances, and for safe operation and proper performance of this log set, use only Regency parts and accessories. Use of other controls, parts, and accessories that are not designed for use with Regency log set is prohibited and will void all the warranties, certifications, listings and building code approvals, and may cause property damage, personal injury or loss of life.

WARRANTY

Regency burners and logs carry a limited lifetime warranty against breakage and defects to the original purchaser. ALL Regency valves, pilot assemblies and electrical components carry a 2-year warranty as long as installed indoors and installed by a licensed professional. Further warranty information can be found in the warranty section of this guide.

INSTALLER: Leave this manual with the log set
CONSUMER: Retain this manual for future reference.

920-675f

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SERIAL # DECAL FOR BOTH ELECTRONIC IGNITION WITH DEXEN VALVE & MILLIVOLT WITH ROBERTSHAW OR DEXEN GAS VALVE

This is a copy of the label that normally accompanies this gas burner. We have printed a copy of the contents here for your review. The safety label is located near the gas burner. The serial # will be a total of 9 digits. The first 3 digits (as noted below) represent the model of the gas burner.

NOTE: Regency® units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

IMPORTANT: On the Millivolt gas valve, this may be either a Robertshaw or Dexen gas valve. The Robertshaw/Dexen gas valves are interchangeable. The LP millivolt conversion kits will also work with both Robertshaw or Dexen gas valves.

REGENCY
FIREPLACE PRODUCTS
6988 Venture St.
Delta BC
Canada V4G 1H4

DO NOT REMOVE THIS LABEL

See installation & operating instructions for this model.
Contact local building officials about restrictions and installation specifications in your area.

Tested and Listed by PFS C US
PFS-Test Laboratories, Inc
Report # F23-191

Portland, Oregon USA

ANSI-Z21 60-2017
CSA 2.26-2017/CGA 2.17 2017
Decorative gas appliances for installation in solid-fuel burning fireplaces.

DATE OF MFG. _____ **SERIAL** 593

MODEL: 2-Burner:
☐ 18″ V18E2-NG ☐LP ☐ 18″ V18M2-NG ☐LP
3-Burner:
☐ 18″ V18E3-NG ☐LP ☐ 18″ V18M3-NG ☐LP
☐ 24″ V24E3-NG ☐LP ☐ 24″ V24M3-NG ☐LP ☐ 30″ V30E3-NG ☐LP ☐30″ V30M3-NG ☐LP

Valve: ☐ Robertshaw Millivolt ☐ Dexen Electronic

2-Burner - BTU RATING **18″** - 52k - NG 49k - LP **3-Burner - BTU RATING** **18″** - 46k - NG 41k - LP

3-Burner - BTU RATING **24″** - 74k - NG 64k - LP **30″** - 102k - NG 91k - LP

NG Models
Altitude 0-4500' (1300 m) Canada
Input
Reduced Input
P4
Manifold Pressure: 3.5" w.c. (NG)
Minimum Supply Pressure: 4.5" w.c. (NG)
Maximum Supply Pressure: 7"* w.c. (NG)
Pression manifold: 0,87 kPa (GN)
Pression d'alimentation min. : 1,25 kPa (GN)
Pression d'alimentation max. : 10,5 kPa (GN)**
Maximum inlet pressure not to exceed 13".
Minimum clearance to combustible materials: Top, sides & back per standoff spacers for framing and finishing materials. For non-combustible framing and finishing materials, see installation manual.

MANIFOLD PRESSURE:
GAS TYPE: NATURAL GAS / LIQUID PROPANE

LP Models
Altitude 0-4500' (1300 m) Canada
Alimentation / Alimentation réduite
P4
Manifold Pressure: 10" w.c. (LP)
Minimum Supply Pressure: 11" w.c. (LP)
Maximum Supply Pressure: 14"* w.c. (LP)
Pression manifold: 2,4 kPa (PL)
Pression d'alimentation min. : 2,74 kPa (PL)
Pression d'alimentation max. : 3,49 kPa (PL)**
La pression d'entrée max. ne doit pas dépasser 3,49 kPa
Dégagement min. par rapport aux matériaux combustibles : dessus, côtés et arrière selon les espaceurs pour les matériaux d'encadrement et de finition. Voir le manuel d'installation pour ces matériaux.

VENTED DECORATIVE GAS APPLIANCE: NOT A SOURCE OF HEAT; NOT FOR USE WITH SOLID FUEL.
APPAREIL DÉCORATIF AU GAZ VENTILÉ : CE N'EST PAS UNE SOURCE DE CHALEUR; NE PAS UTILISER AVEC DU COMBUSTIBLE SOLIDE.

THIS APPLIANCE NEEDS FRESH AIR FOR SAFE OPERATION AND MUST BE INSTALLED SO THERE ARE PROVISIONS FOR ADEQUATE COMBUSTION AND VENTILATION AIR.
CET APPAREIL A BESOIN D'AIR FRAIS POUR UN FONCTIONNEMENT SÉCURISÉ ET DOIT ÊTRE INSTALLÉ POUR PERMETTRE L'APPORT D'AIR DE COMBUSTION ET UNE VENTILATION ADÉQUATS.

This appliance is not for installation in manufactured homes. Cet appareil n'est pas destiné à être installé dans des maisons préfabriquées.

The installation, including provisions for combustion, ventilation air, and required minimum permanent vent opening, must conform with National Fuel Gas Code (ANSI Z223.1/NFPA 54) and applicable local building codes.
L'installation, y compris les dispositions pour la combustion, l'air de ventilation et l'ouverture de ventilation permanente minimale requise, doit être conforme au National Fuel Gas Code (ANSI Z223.1 / NFPA 54) et aux codes du bâtiment locaux applicables.

This appliance has been certified for indoor use only. Cet appareil a été homologué pour être utilisé à l'extérieur seulement.

WARNING: THIS FIREPLACE IS NOT INTENDED FOR BURNING SOLID FUELS.
AVERTISSEMENT: CE FOYER N'EST PAS DESTINÉ À BRÛLER DES COMBUSTIBLES SOLIDES.

920-677a

IMPORTANT INFORMATION

WARNING: This appliance assembly contains burner orifices specifically for the input gas specified on the burner and box, as well as the Btu rating specified in this manual. Modifying or failure to use the factory orifice may cause property damage, personal injury or loss of life.

Read these instructions completely before installing and using Regency system.

1. Gas type will be indicated on the burner and the box. Do not use a natural gas burner with propane or a propane burner with natural gas.
2. The installation, provisions for combustion, and ventilation air must conform to the National Fuel Gas Code, *ANSI Z223.1/NFPA54*, or the *CSA B 149.1*, National Gas and Propane Installation Code.
3. For warranty to be valid gas log sets must be installed by a NFI certified or another qualified professional installer.
4. This appliance must be installed only in a solid-fuel burning fireplace with a working flue and constructed of non-combustible materials. Solid fuels are not to be burned in a fireplace where a decorative appliance has been installed.
5. A permanent free opening must be provided by either the fireplace chimney or chimney damper to vent carbon monoxide and other flue gases. Any chimney damper must be fixed in a manner, which will maintain the permanent free opening at all times. Use the table at the bottom of this page to determine the minimum permanent free opening based on chimney height and the appliance Btu rating.
6. A fireplace screen must be in place when the appliance is operating and, unless other provisions for combustion air are provided, the screen shall have an opening(s) for introduction of combustion air. With use of glass doors, doors must be open while the appliance is burning to assure proper ventilation.
7. The minimum inlet supply pressure for the purpose of input adjustment is 5.0 inches (natural gas) 8.0 inches (propane) in water column. The maximum inlet supply pressure is 10.5 inches (natural gas) 13.0 inches (propane) in water column.
8. 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 ½ psig (3.5kPa). The appliance must be isolated from the gas supply piping system by closing its individual manual valve during pressure testing equal to or less than ½ psig (3.5kPa).
9. The appliance area is to be clear and free from combustible materials, gasoline and other flammable vapors and liquids.
10. 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 gas control which has been under water.
11. This appliance has been certified for indoor use only.
12. **Burning Regency Gas Logs for any length of time will cause the logs to soot. Soot is caused by incomplete combustion of the gas leaving behind a dark dense material. Soot will also accumulate on the logs if the logs are not placed in the proper position according to the log placement diagrams. Adequate spacing between any of the logs is NECESSARY and MUST be maintained. Ensure all media that is supplied with this appliance is also used. To clean off soot use an old toothbrush and gently rub away the soot.**

    CAUTION: BURN HAZARD. The logs will remain hot for quite some time once the gas burner has been shut off after use. If you need to reposition any of the logs to maintain proper layout, use only heat resistant gloves or allow log set adequate time to cool off prior to handling.
13. When installing into a solid wood burning fireplace, the chimney flue, damper & firebox must be thoroughly cleaned of soot, creosote ashes and any other debris prior to installation. This must also be inspected by a qualified chimney sweep to ensure that the chimney is in good working order.

IMPORTANT - CO Detectors:
Make sure your home has a working CO detector, especially near any bedrooms. We recommend having a CO detector in the same room as the gas burner for additional safety. Location of both detectors should be chosen wisely to avoid false alarms.

IMPORTANT

For safe operation and proper performance of this product and to comply with certification, listings, and building code acceptances, use ONLY Regency controls, parts & accessories that have been specifically listed or certified for use with this burner system. Use of other controls, parts, or accessories is prohibited and will void all warranties, certifications, listings and building code approvals, and may cause property damage, personal injury, and loss of life.

For all valves, the air MUST be purged from the gas line before the pilot will light and burn properly. The time needed to purge will depend on the length of the gas line to the unit and the amount of time since the unit or gas line was last used. It may take several minutes before all the air is purged and the pilot will light and burn properly. Follow the LIGHTING INSTRUCTIONS section in this manual.



MINIMUM CHIMNEY HEIGHT AND FLUE OPENING

For Factory Built Fireplaces Free Opening Area Of Chimney Damper For Venting Combustion Products From Decorative Appliances For Installation In Solid Fuel Burning Fireplaces

	Appliance Input Rate (kBTU/hr)											
	20	30	40	50	60	70	80	90	100	110	120	
Chimney Height* (ft)	Minimum Opening** (sq. in.)											Max. Input***
10	11.3	16.6	22.1	28.3	35.3	44.2	—	—	—	—	—	77.6
15	8.6	12.6	17.3	21.2	26.4	32.2	38.5	45.4	—	—	—	98.2
20	7.5	10.8	14.5	18.1	22.1	26.4	31.2	37.4	43.0	—	—	114.2
25	6.6	9.6	12.6	15.9	18.1	22.9	27.3	31.2	36.3	43.0	50.3	121.0
30	6.2	9.1	11.3	14.5	17.3	20.4	24.6	28.3	33.2	37.4	44.2	130.1
35	5.7	8.0	10.8	13.2	15.9	18.9	22.1	25.5	30.2	34.2	39.6	141.2
40	5.3	7.5	10.2	12.6	15.2	18.1	20.4	23.8	27.3	31.2	35.3	158.5

* *Height is from hearth to top of chimney and the minimum height is 10 feet. (See Figure 3, Factory Built Fireplace.)*

** *Chart shows minimum opening (sq. in.) for the given height and input rate.*

*** *Column marked "Max. Input" corresponds to the maximum allowable input rate (kBTU/hr) for the given height.*

For Masonry Built Fireplaces Free Opening Area Of Chimney Damper For Venting Combustion Products From Decorative Appliances For Installation In Solid Fuel Burning Fireplaces

	Appliance Input Rate (kBTU/hr)										
	20	30	40	50	60	70	80	90	100	110	120
Chimney Height* (ft)	Minimum Opening** (sq. in.)										
6	17.6	25.7	33.8	41.7	49.2	56.6	64.0	71.4	78.8	86.2	93.5
8	16.5	23.7	31.2	38.7	45.5	52.4	59.7	66.9	74.1	81.3	88.6
10	15.1	21.7	28.7	35.2	41.7	48.2	54.3	60.2	66.1	72.0	77.9
15	14.1	19.9	26.1	32.0	37.7	43.2	48.8	54.1	59.4	64.6	69.9
20	12.9	18.5	23.7	28.8	34.3	39.8	44.4	49.1	53.8	58.4	63.0
30	12.2	16.9	21.6	26.5	31.2	35.9	40.3	44.5	48.6	52.7	56.6

* *Height is from hearth to top of chimney and the minimum height is 6 feet. (See Figure 3, Factory Built Fireplace.)*

** *Chart shows minimum opening (sq. in.) for a given height and input rate.*

IMPORTANT INFORMATION

CHECK TO BE SURE THAT THE PROPER FUEL GAS IS BEING USED WITH THIS CONTROL SYSTEM.

The installation, including provisions for combustion and ventilation air, must conform with local codes, or in the absence of local codes, with the National Fuel Gas Code (ANSI Z223.1/NFPA 54).

This component and its individual shutoff valve must be disconnected from the gas-supply piping system when testing at pressures that exceed 1/2 psig. This is accomplished by closing the gas-supply line valve.

A fireplace screen must be in place when the gas burner system is in operation. Unless other provisions for combustion air are provided, the screen shall have an opening(s) for introduction of combustion air.

WHEN GLASS FIREPLACE ENCLOSURES (DOORS) ARE USED, OPERATE THE BURNER SYSTEM WITH THE GLASS DOORS FULLY OPEN; BOTH SIDES IF THE FIREPLACE IS A SEE-THROUGH TYPE.

This appliance may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. Installation of appliances designed for manufactured homes or mobile homes must conform with Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280in the U.S.; or with CAN/CSA Z240 MH in Canada; or with ANSI/NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard when such as standard is not applicable.

Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

TO PREVENT VALVE DAMAGE AND FAILURE:

IT IS CRITICAL THAT THE HEAT SHIELD BE PLACED CORRECTLY OVER THE VALVE/CONTROL MODULET BATTERY PACK PRIOR TO OPERATION.

KEEP LAVA, VERMICULITE, EMBERS/GLASS AND ALL FOREIGN OBJECTS AWAY FROM THE PILOT ASSEMBLY, VALVE ASSEMBLY, AND HEAT SHIELD DURING MEDIA PLACEMENT AND AT ALL TIMES

SPECIFICATIONS

Refer to the burner owner's manual for minimum firebox dimensions.

GAS PRESSURE SPECIFICATIONS			
NATURAL GAS		**PROPANE GAS**	
Outlet pressure reading:	Typical 3.5" w.c	Outlet pressure reading:	Typical 10.0" w.c
Inlet pressure reading	Max. 10.5" w.c Min. 5" w.c	Inlet pressure reading	Max 13" w.c Min. 11" w.c

SPECIFICATIONS

		MINIMUM FIREPLACE OPENINGS				BTU RATINGS	
SIZE	**DETAILS/DESCRIPTION**	**FRONT WIDTH**	**DEPTH**	**BACK WIDTH**	**HEIGHT**	**NG**	**LP**
18"	2-Burner with Millivolt controls	30"	14"	18"	14"	52,000	49,000
18"	2-Burner with Electronic controls	36"	14"	24"	14"	52,000	49,000
18"	3-Burner with Millivolt or Electronic controls	30"	14"	18"	16"	46,000	41,000
24"	3-Burner with Millivolt or Electronic controls	36"	14"	24"	16"	74,000	64,000
30"	3-Burner with Millivolt or Electronic controls	42"	16"	30"	16"	102,000	91,000

MANIFOLD PRESSURES

NATURAL GAS

Manifold Pressure: 3.5” w.c.
Minimum Supply Pressure: 4.5” w.c.
Maximum Supply Pressure: 13” w.c.

PROPANE

Manifold Pressure: 10” w.c.
Minimum Supply Pressure: 11” w.c.
Maximum Supply Pressure: 14”* w.c.

NOTE: A shutoff/Dante valve should be supplied in or near the unit (or as per local codes) for ease of servicing this appliance.

IMPORTANT: Always check for gas leaks with a soap and water solution or gas leak detector. Do not use open flame for leak testing.

Gas fittings

Robertshaw or Dexen Millivolt Valve

½" flex hose with 1/2" flare fitting coming from flex hose. The fitting in the valve is a flared 90 degree elbow. The burner comes with a ½" x 12" flex hose attached to the 90 degree elbow.

Dexen Electronic ignition valve

½” flex hose with 1/2" flare fitting coming from flex hose. The fitting in the valve is a flared 90 degree elbow. The burner comes with a ½” x 12” flex hose attached to the 90 degree elbow.

Note: The aeration settings on these burners are factory set and cannot be adjusted for both NG and LP. The NG burner is not adjustable as the air enters from the burner orifice. The LP burner has an air shutter which is not adjustable.

INSTALLATION

WARNING: Failure to position internal parts in accordance with the installation diagrams or failure to use only parts specifically approved with this vented burner system may result in property damage or personal injury.

Installation Safety Information

1. Carefully inspect the burner and log cartons for shipping damages. If any parts are missing/damaged, call your dealer. **Do not attempt** to install the appliance unless all parts are in good condition.
2. Correct installation of the ceramic refractory log sets and proper placement and installation of the burner assembly, including ember placement and lava rock placement, are imperative to safe operation of your set. Problems **WILL** occur if all items are not properly installed. Reference the INSTALLATION section, LOG PLACEMENT.
3. When installing in a wood-burning fireplace, center the appliance in the fireplace while making certain that no part of the assembly protrudes (forward) beyond the fireplace face. **DO NOT PUSH THE UNIT ALL THE WAY TO THE BACK.**
4. If you use lava rock or glass, for decorative use, do not allow these accessories into or onto any part of the burner or logs. Lava rock or glass used to accessorize the vented burner, should only be placed on the floor of the fireplace, in front of and to the sides of the burner, but away from the controls.
5. DO NOT PLACE logs or accessories, such as vermiculite or other foreign items on this appliance. These items will cause improper burning, sooting, and/or high levels of carbon monoxide.
6. Connecting directly to an unregulated LP tank can cause an explosion.
7. Special care is required if you are installing the unit into a **SUNKEN FIREPLACE**. You must raise the fireplace floor to allow access to gas controls. This will ensure adequate airflow and guard against sooting. Raise the fireplace floor using noncombustible materials.

Fireplace Floor Requirements

DO NOT install this burner system if the fireplace hearth is recessed. The fireplace floor must be at the same level as the fireplace front opening. An ash lip or recess may not exceed ¾". See Figure 18 on next page.

Note: If glass doors are used, the fireplace floor must not be blocked by the door frame; the frame must have openings to allow for fresh air circulation during combustion.

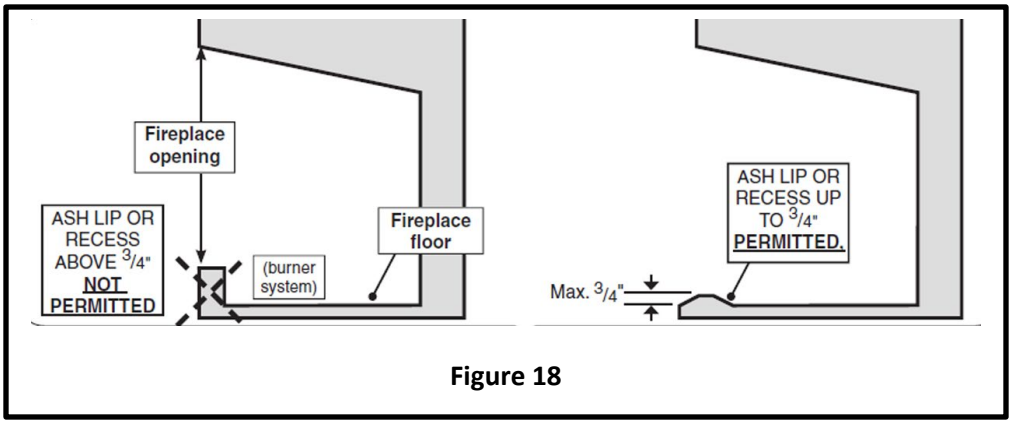


Figure 18

Installing the Burner Unit

REFER TO THE PARTS LIST WHEN FOLLOWING THESE INSTRUCTIONS. The 18/24/30" burner models are shown in the illustrations and may not be exactly as shown but depicts the process.

INSTALL BURNER:

Note: Burner unit may not be exactly as shown but depicts the process.

GAS CONNECTION WARNING: Only persons licensed to work with gas piping may make the necessary gas connections to this appliance. Since some municipalities have additional local codes, it is always best to consult with your local authorities and the CSA B149.1 installation code. For U.S.A. installations, follow local codes and/or the current National Fuel Gas Code, ANSI Z223.1. Use approved fittings with copper or flex connectors. Always provide a union so that gas lines can be easily disconnected for servicing. Flare nuts for copper lines and flex connectors usually meet this requirement. A separate gas shut-off valve should be installed immediately upstream of the connection to the appliance.

Bring gas line gas to appliance. Ensure the gas line is properly sized for the BTU. This must be completed prior to installation of burner.

If the factory-built fireplace/masonry fireplace has no gas access hole(s) provided, an access hole of 1.5 inch (37.5 m) or less may be drilled through the lower sides or bottom of the firebox in a proper workmanship-like manner. This access hole must be plugged with non-combustible insulation after the gas supply line has been installed.

1. MAKE SURE THE FIREPLACE GAS SUPPLY IS TURNED OFF.
2. Locate the gas-supply stub inside the fireplace and remove the cap, if attached.
3. **CAUTION:** When removing the cap, make sure the stub does not turn, loosening the connection in the wall.
4. **Be sure gas to the fireplace is turned off.** On the burner, remove the adapter that has been loosely screwed into the end of the flex connector (pre-installed on the burner system). Attach the adapter to the gas-supply stub using a pipe compound resistant to all gasses. Tighten securely.

5. In Figure 19, the gas supply stub is shown properly fitted with the adapter.



Figure 19 – Shown in a factory-built fireplace

6. Place the burner system in the fireplace. Centering the burner front to back & side to side as shown in Figure 20.



Figure 20

7. Attach the flex connector to the adapter as shown in Figure 21. Tighten securely. IF FLEX LINE IS NOT LONG ENOUGH, LONGER FLEX LINES CAN BE PURCHASED AT YOUR LOCAL HARDWARE STORE.

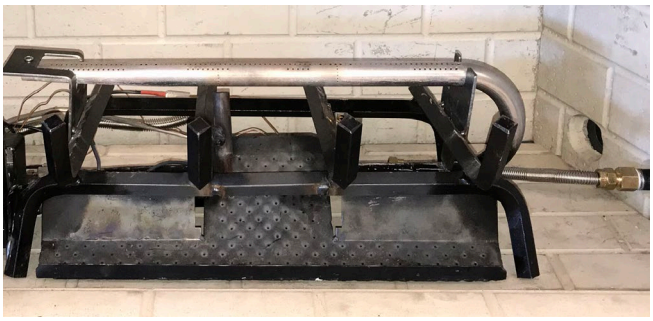


Figure 21

8. Determine the valve system that is installed on the appliance and specific batteries required for the specific model, then proceed with lighting the pilot.
9. Before lighting the appliance make sure the heat shield is placed back in the position it was when the appliance was taken out of the box.
10. Verify that connections are tight, then turn on the gas. Check each connection using soap and water solution. **DO NOT USE AN OPEN FLAME FOR LEAK TESTING.** The soap and water connection should be 50% water and 50% soap. Brush the solution over the connections and check for bubbles. Any leak must be corrected prior to proceeding with installation.

MANUAL ON/OFF REMOTE CONTROL WITH TIMER INSTALLATION AND OPERATING INSTRUCTIONS

IF YOU CANNOT READ OR UNDERSTAND THESE INSTALLATION INSTRUCTIONS. DO NOT ATTEMPT TO INSTALL OR OPERATE.

This Manual on/off remote control with Timer transmitter is designed to be used with all models noted in this manual. It can be operated on/off from the transmitter or turned on and off manually from the receiver.

CONTENTS OF KIT

Description	Quantity
Transmitter	1
GCRK Timer remote control Transmitter	1
Receiver Box	1
Slide Button-Black (On/RS/Off)	1
Battery Door- Black	1
Plug-In Wiring Assembly	1
Installation Instructions	1
#6 3/4 Screws (for fireplace system control covers)	2
Plastic wall anchors (for installing transmitter)	2

NOTE: Due to the sensitive temperature monitoring components in the transmitter, it is necessary to allow the transmitter to stabilize to room temperature before accurate room temperature are displayed, If the transmitter is activated from a severe cold condition allow 15 minutes for accurate temperature reading to appear on the LCD.

WARNING
Important Safety Information

- Read this manual thoroughly prior to installing, programming or operating any remote control.
- This remote control system requires two (2) “AAA” and four (4) “AA” alkaline batteries to power the transmitter and receiver.
- **Turn appliance OFF (at the appliance or remote receiver) if you are away from your house for a long period of time.**

FEATURES/SPECIFICATIONS

- Easy Operate Manual on/off and Timer Control
- Battery Powered Transmitter and Receiver
- Low battery Indication
- Select Between °C and °F display
- Child Proof Lock-out
- 16 Security Codes
- Quick Disconnect Wiring Assembly

WARNING	**Turn appliance OFF and allow to cool before installing or servicing. <u>DO NOT</u> connect 110-120 VAC wiring to the millivolt gas control valve. The remote operator must be installed exactly as outlined in these instructions. Read all instructions completely before attempting installation. Follow instructions carefully during installation. Any modification of components will void the warranty and may cause a fire hazard.**

Transmitter:

<u>Installing Batteries:</u>

The remote transmitter uses two (2) "AAA" batteries. To install batteries:

1. Press down the battery door and remove the battery door.
2. Install uses two (2) "AAA" batteries as indicated on transmitter.
3. Close the battery door by snapping in place.
4. The batteries should be replaced when the low battery indicator display in LCD.
5. When both batteries are installed, the transmitter will initialize for 1 seconds and then is ready for use.

Receiver:

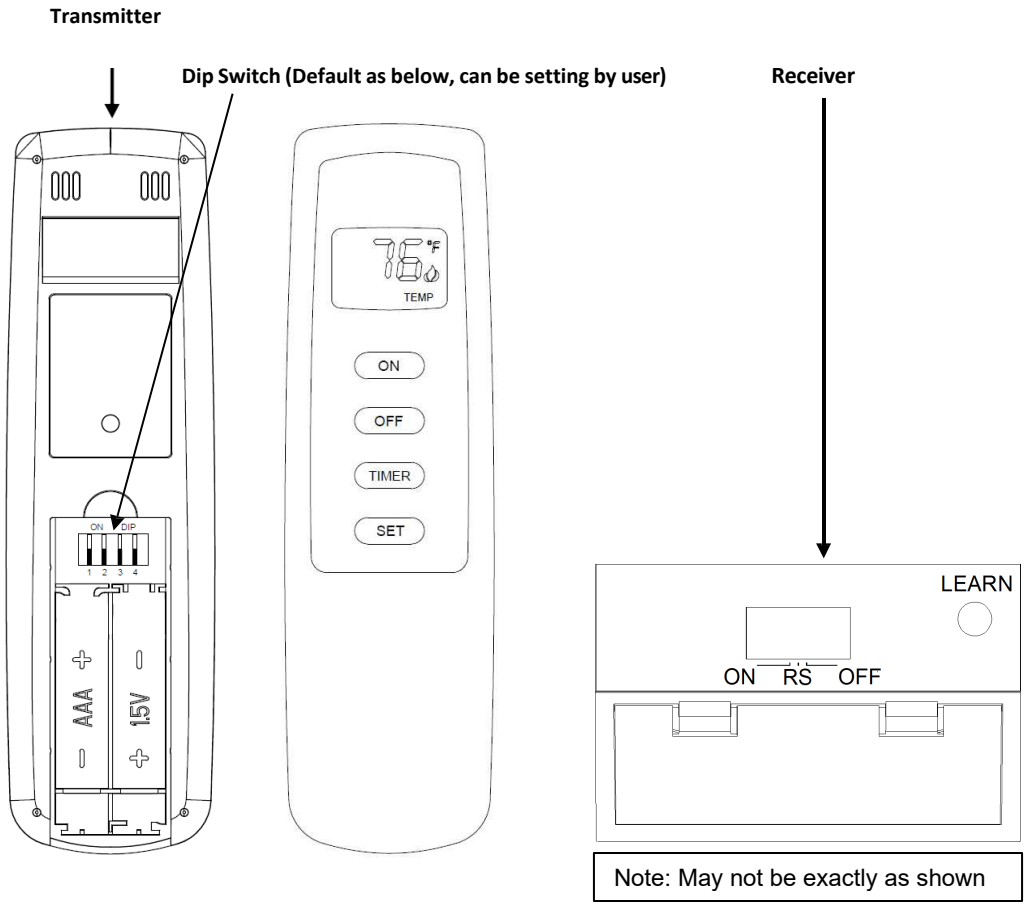
<u>Installing Batteries:</u>

Begin by installing (4) AA-size batteries.

1. Slide open the battery cover on receiver. Note: it is recommended that ALKALINE batteries always be used for this product.
2. Be sure the batteries are installed with the (+) and (-) ends facing the correct direction.
3. Close battery cover

LEARNING TRANSMITTER TO RECEIVER

1. The transmitter privacy (DIP) Switches are preset at the factory. Setting the 4 bits DIP Switches on transmitter to select a security code.
2. Put the receiver slide switch to "**RS"** location. Using a small screwdriver or end of a paper clip gently press and Hold the **'LEARN '**button on the receiver to accept the transmitter security code upon initial use, When you release the **LEARN** button the receiver will emit an audible 3 "beep" sounds.
3. After the receiver emits 3 "beep" sounds. Press the transmitter "ON "or "OFF" button and release at once. The receiver will emit several beeps indicating that the transmitter's code has been accepted into the receiver.
4. If you are unsuccessful in matching the security code on the first attempt repeat step 1-3.



Note: May not be exactly as shown

KEY SETTINGS

1. **ON------**Turns appliance ON.
2. **OFF ---** Turns appliance OFF.
3. **TIMER -**Changes unit from manual mode to timer mode.
4. **SET-----** Adjusts timer setting.

WARNING

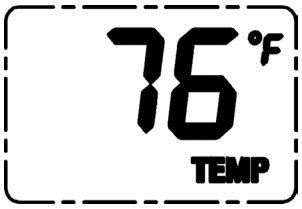
Do not use two (2) or more remote control systems in the same area with the same dip switch settings, as they will communicate with each other. This may cause the appliances to malfunction.

OPERATIONS:

The Remote Control has two (2) operating modes: Manual and Timer. (15 min. -180 min. in 15 minute increments). The max setting time is 180 min.

The transmitter will operate the remote receiver from 1 foot to 30 feet. The distance is reduced when batteries are low or when the receiver is inside a metal enclosure.

Initial Start Up:



1. After initial power up the transmitter is reset.
2. During system reset, all features of the LCD will be visible. After one second, the LCD will be initialized. A typical reset display is shown right. After reset the transmitter is operating. The real room temperature is shown as right.

Manual Mode:

1. Press the" ON" button once to turn on the appliance.
2. Press the" OFF" button once again to turn off the appliance.
3. Press" ON" and" OFF" button at same time for 1 second to select between °C and °F display.

Timer Mode:



1. Press the "ON" button to start the appliance
2. Press the "TIMER" button. The LCD screen will show the word 'SET'.
3. Press the "SET" button until the desired time is reached (15min-180min.in15minute increments). The max setting time is 180 min.
4. Press the **"OFF"** button to turn OFF the timer, and the appliance

Low-Battery Detection:

When the battery voltage of remote is less than 2.2V, the low battery icon will appear on the LCD screen. The battery will be checked every 3 minutes. If the battery voltage of remote is less than 1.8V, the remote will send the flame off command to the receiver and only low battery icon display on the LCD. Change the battery before the battery is too weak for normal operation. **TURN THE UNIT OFF BEFORE REPLACING BATTERIES**.

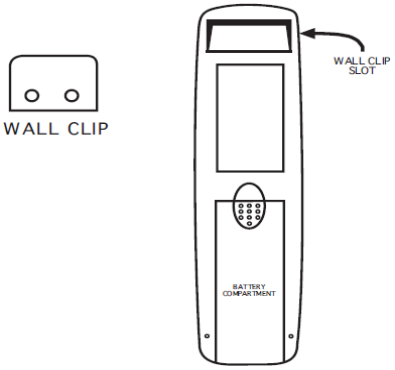
Child-Proof Protection:



1. Press and Hold "ON" and "MODE" button at same time for 5 seconds to activate child-proof mode. The letters CP will appear in the TEMP frame on the LCD screen.

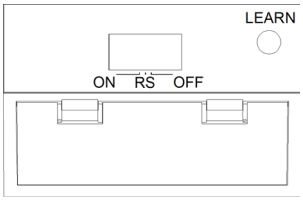
2. The remote control will not work until child-proof mode is deactivated by pressing the "ON" and" MODE" buttons at same time for 5 seconds again to exit child-proof mode.

Transmitter Wall Clip



The transmitter can be hung on a wall using the clip provided. If the clip is installed on a solid wood wall, drill 1/8" pilot holes and install with the screws provided. If it is installed on a plaster/wallboard wall, first drill two 1/4" holes into the wall. Then use a hammer to tap in the two plastic wall anchors flush with the wall; then install the screws provided.

Receiver:



The receiver comes connected to the gas valve already on the electronic ignition model only. On the Millivolt model, the 2 wires will need to be connected to the TH terminal on the gas valve. See wiring diagram found on page 19 titled **WIRING DIAGRAM - MILLIVOLT**. The receiver may be installed on the hearth as a hearth mount.

IMPORTANT: The remote receiver should be kept away from the burner as far as possible within the cavity (left or right side) to minimize temperatures. Before installation make sure the remote receiver slide switch is in the OFF position.
The Dexen electronic ignition comes with a heat shield. See below.



Dexen Electronic Ignition Heat Shield Receiver Box

Slide Switch:

1. **ON position**: the system will remain on until the slide switch is placed in the OFF or REMOTE position.
2. **REMOTE position**: the system will only operate if the remote receiver receives a signal from the transmitter.
3. **OFF position**: the system is off. **The slide switch should be placed in the OFF position if you will be away for an extended period of time.** If the remote receiver is mounted out of children's reach, the OFF position also functions as a safety device by both turning the system off and rendering the receiver inoperable.

Testing Your New Remote System

1. Light your gas appliance following the appliance lighting instructions that come with the appliance. Confirm that the pilot light is on; it must be in operation for the remote control to operate the main gas valve. Appliance control knob must be in the ON position. Appliance ON/OFF switch must be in ON position.
2. Slide the 3 position button on the remote receiver to the ON position. The main gas flame should ignite.
3. Slide the button to OFF. The flame should extinguish (the pilot light will remain on).
4. Slide the button to REMOTE (the center position), then press the transmitter to turn the system to ON. The main gas flame should ignite.
5. Press the transmitter to turn the system to OFF. The flame should extinguish (the pilot light will remain on).

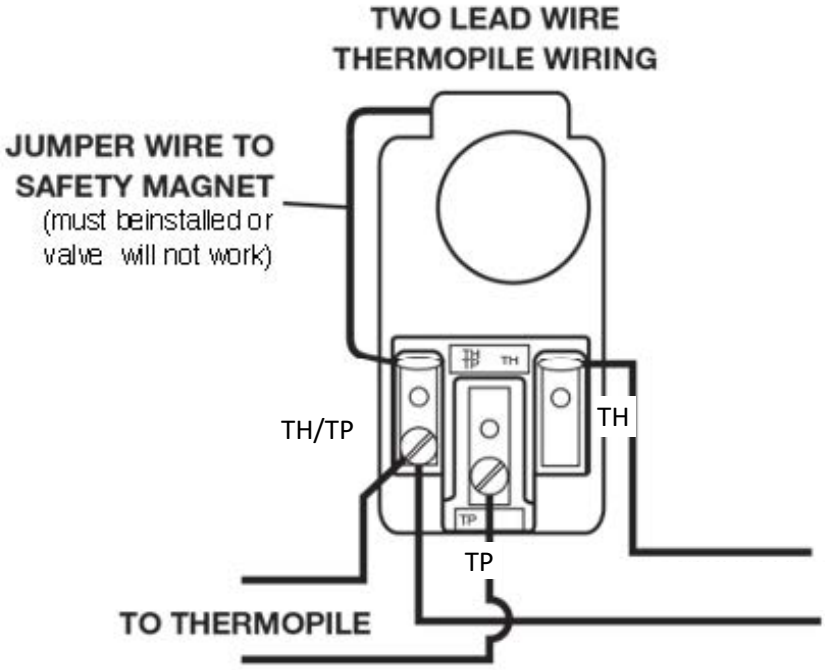
TROUBLESHOOTING:

Symptom	Causes	Action
Battery icon on LCD on transmitter.	Low Battery	Replace batteries.
LCD Display is blank	Low Battery	Check battery installation and replace batteries.
Receiver emits the beep in every minute	Low Battery	Replace batteries.
Appliance does not come on.	1. DIP (Privacy) switch setting on transmitter does not match receiver	1. Make sure the transmitter match receiver at first.
	2. Transmitter measures temperature exceeding 99 degrees F and shows “HI” on LCD display.	2. Move transmitter to a cooler place and wait until temperature drops below 99 degree F.
	3. Distance between the transmitter and receiver is more than 30 feet	3. Make sure the operating distance is less than 30 feet
Receiver cannot receive signal.	1.Receiver is installed in an enclosure	1. Make sure the receiver is not inside a tight enclosure.

WIRING DIAGRAM – MILLIVOLT

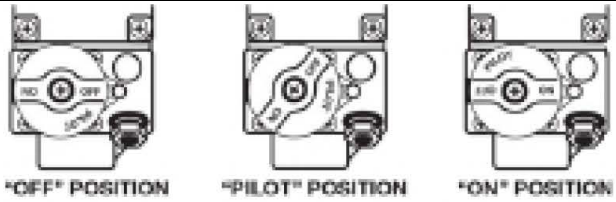
Robertshaw or Dexen Millivolt

Wire Size	Wire Length	Wire Size	Wire Length
14 GA.	100 FT.	20 GA.	25 FT.
16 GA.	64 FT.	22 GA.	16 FT.
18 GA.	40 FT.		



TO ON/OFF SWITCH (OPTIONAL)
& REMOTE CONTROL (SUPPLIED)

ROBERTSHAW OR DEXEN MILLIVOLT – PROCEDURE FOR LIGHTING OR RELIGHTING



Dials must be operated by hand. DO NOT use pliers, wrenches or other tools to turn dials.

The Gas Cock Dial has a dual function:

A) Complete control of gas to pilot and main burner.

B) When in pilot position, it is the reset mechanism for the automatic pilot.

The Gas Cock Dial cannot be turned to "OFF" position without first depressing dial in "PILOT" position and then rotating to "OFF".

1. Depress and turn Gas Cock Dial to "OFF" position.
2. Turn temperature dial (hydraulic models) or wall thermostat (24V and millivolt models) to "OFF" or lowest setting.
3. Wait at least 5 minutes (10 minutes for L.P. gas) to allow gas which may have accumulated in burner compartment to escape.
4. Turn Gas Cock Dial to the "PILOT" position.
5. Hold match at pilot burner. **CAUTION:** If pilot lights without depressing Gas Cock Dial replace control. Depress and hold Gas Cock Dial while lighting pilot burner. Allow pilot to burn approximately one half minute. (1-1/2 minutes for millivolt models) before releasing Gas Cock Dial. If pilot does not remain lighted, repeat operation allowing longer period before releasing Gas Cock Dial. (Adjust pilot, if necessary, as noted under "Pilot Burner Adjustment.") The thermo- couple or thermopile may also be defective and should be checked out. (See SERVICE INSTRUCTIONS.)

LEAK TEST

Test for gas leaks after valve installation with main burner on. Use a rich soapy water, and paint all piping and tubing joints liberally. Bubbles are indicative of a leak.

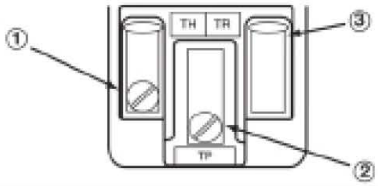
SERVICE INSTRUCTIONS

CAUTION: If control has been exposed to water in any way, it must be replaced. If gas valve fails to shut off, do not turn off electrical power. Turn off gas supply allowing fan or circulating pump (if so equipped) to continue running until system has cooled. Replace control.

Millivolt System

The millivolt system and individual components may be checked with a millivolt meter having a 0-1000 MV range. Before checking system, be certain wall thermostat lead wire does not exceed length recommended in Wiring Section Table, and all connections are clean and tight.

Conduct each check shown in chart below by connecting meter test leads to terminals as indicated. All readings are closed circuit.



COMPONENT CHECK	CONNECT METER TEST LEADS TO TERMINALS	WALL THERMOSTAT CONTACTS SHOULD BE	METER READING SHOULD BE	CHECK RESULT ON PAGE 4
Valve Operator System	2 & 3	Closed	Greater Than 100 MV	A
Wall Thermostat	1 & 3	Closed	Less Than 80 MV	C
Thermopile and Magnet	1 & 2	Open	Greater Than 325 MV	B

ROBERTSHAW OR DEXEN MILLIVOLT – LIGHTING INSTRUCTIONS

FOR YOUR SAFETY - LIGHTING INSTRUCTIONS

"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.

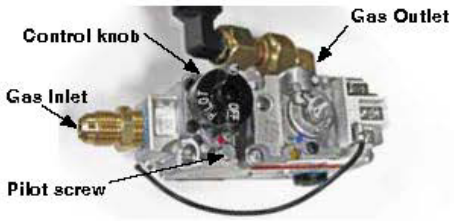
B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS:

1. Do not try to light any appliance.
2. Do not touch any electric switch; do not use any phone in your building
3. Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
4. If you cannot reach your gas supplier, call the fire department.
5. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion
6. Do not us 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 underwater.

LIGHTING INSTRUCTIONS FOR MILLIVOLT VALVE

1. STOP! Read the safety information above on this label.
2. Push in gas control knob slightly and turn clockwise to **"OFF"**



NOTE: Knob cannot be turned from 'PILOT" to "OFF" unless knob is pushed in slightly. Do not force

3. Wait five (5) minutes to clear out any gas. If you smell gas, STOP! Follow "B" in the safety information above. If you don't smell gas, go to next step.
4. Find pilot – follow metal tube from the gas control behind the burner.
5. Turn knob on gas control-clockwise to **"PILOT"**
6. Push in control knob all the way and hold in immediately light the pilot with a match. Continue to hold the control knob in for about one minute after the pilot is lit.



Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 3-7

- If knob does not pop up when released, stop and immediately call your service technician or gas supplier
- If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier

7. Turn gas control knob counterclockwise to "ON".

TO TURN OFF GAS TO APPLIANCE

1. Turn knob clockwise from "ON" position to the "PILOT" position. Push in the gas control knob slightly and turn clockwise to "OFF". Do not force knob.

CONVERTING ROBERTSHAW OR DEXEN MILLIVOLT 2/3 BURNER FROM NG TO LP

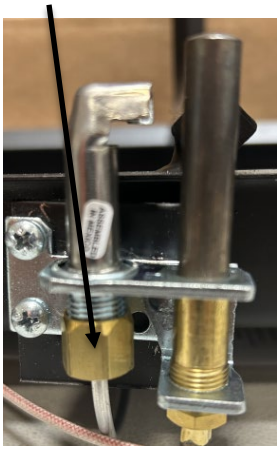
INSTALLATION FROM NATURAL GAS TO LIQUID PROPANE

This conversion kit instructions are to be used with the following kits:

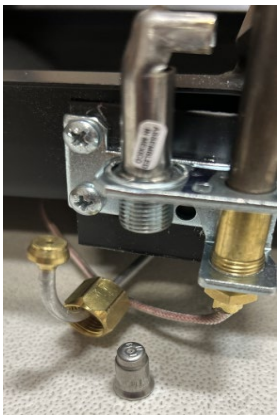
Part # 946-845 - LP conversion kit-Assembled 2 Burner - Millivolt Variable - 18"
Part # 946-848 - LP conversion kit-Assembled 3 Burner - Millivolt Variable - 18"
Part # 946-846 - LP conversion kit-Assembled 3 Burner - Millivolt Variable - 24"
Part # 946-847 - LP conversion kit-Assembled 3 Burner - Millivolt Variable -30"

1. To convert pilot, remove pilot nut with 7/16” wrench.

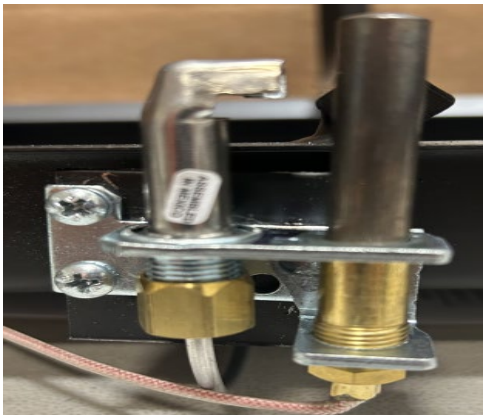
Pilot nut



2. Unscrew nut, NG pilot orifice can now be removed.



3. Replace NG orifice with supplied LP pilot orifice and reverse steps to install.



4. Remove slotted cap screw from regulator. Remove slotted nylon screw and spring. Discard all parts shown below.





5. Install new spring and nylon screw supplied in kit. **Turn nylon screw 10 full turns and stop. Do not bottom out screw**. Gas pressure must now be checked using a manometer, refer to rating plate for exact pressures. Once completed install new red cap supplied in kit.





6. Apply conversion label to gas valve and install supplied vermiculite on the burner.



7. To convert the burner orifice, remove the 1/2” flare nut from the burner orifice as shown below.



8. Remove 90 elbow containing main NG burner orifice as per below with an open end wrench & discard.



9. Apply thread sealant & install new LP orifice, note the arrow showing the flow of gas. Next, apply thread sealant to the other side of the LP orifice & install brass 90-degree elbow. Elbow should point to the front of the burner when complete. See below arrow pointing inwards toward burner.

Burner orifice sizes are as follows for each burner:
2 Burner 18" Burner - Orifice Size #47
3 Burner 18" Burner - Orifice Size #48
3 Burner 24" Burner - Orifice Size #36
3 Burner 30" Burner - Orifice Size #30





10. Reattach gas flex hose. Completed install of LP burner orifice. Test all connections for gas leaks including pilot tube disconnected in step 2.



11. Fill out the decal that is included with the LP conversion kit. Once the information is filled out, **affix decal as close to the rating plate as possible, in an area where this is easily read.**

A. TEST RESULTS

If the reading is more than 100 millivolts and the automatic valve does not come on, replace the valve operator. If the closed circuit reading is less than 100 millivolts, determine the cause by proceeding with steps "B" and "C".

B. TEST RESULTS

If "B" reading is less than 325 MV, clean and tighten all electrical connections and adjust pilot if necessary to increase millivolt output. If un- able to adjust to at least the specified minimum, change the thermopile.

When proper thermopile output is obtained the magnet may then be checked. With pilot in operation, allow meter reading to stabilize.

Extinguish pilot burner and note meter reading at drop-out point of magnet. If magnet remains locked up to a reading of 120 MV or less, the magnet is good.

C. TEST RESULTS

If "C" reading is more than that specifed for the system being checked, clean and tighten thermostat leads and connections, shorten lead wires if possible or use heavier gauge wire. Rapidly cycle thermostat to clean contacts, or change the thermostat.

PILOT BURNER ADJUSTMENT

1. Remove pilot adjustment cap.
2. Adjust pilot key to provide properly sized flame on the thermopile. The flame should cover the upper 3/8" of the tip.
3. Replace pilot adjustment cap.

IMPORTANT: Do not use GAS COCK DIAL to adjust gas output on 710 models.

REGULATOR CONVERSION OR REPLACEMENT

CAUTION: Main burner and pilot orifices must be changed when regulator is converted from one type of gas to another.

To convert L.P. gas 11.0" W.C. use 1751-016.LP regulator.

1. Depress and turn Gas Cock Dial to "OFF".
2. Remove two screws, regulator cartridge and gasket.
3. Install new gasket and regulator (this assembly must be positioned properly). Use new screws supplied with regulator and tighten down.
4. Relight appliance by following steps 4, 5 and 6 of procedure for lighting and relighting.
5. Test for leaks around the regulator using soap solution with main burner "ON".

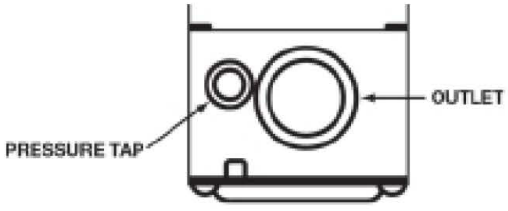
PRESSURE REGULATOR ADJUSTMENTS

Adjustment of the pressure regulator is not normally necessary since it is preset at the factory. However, field adjustment may be accomplished as follows:

NOTE: Manometer attachment may be accomplished at pressure tap plug, below control outlet, as shown in figure below.

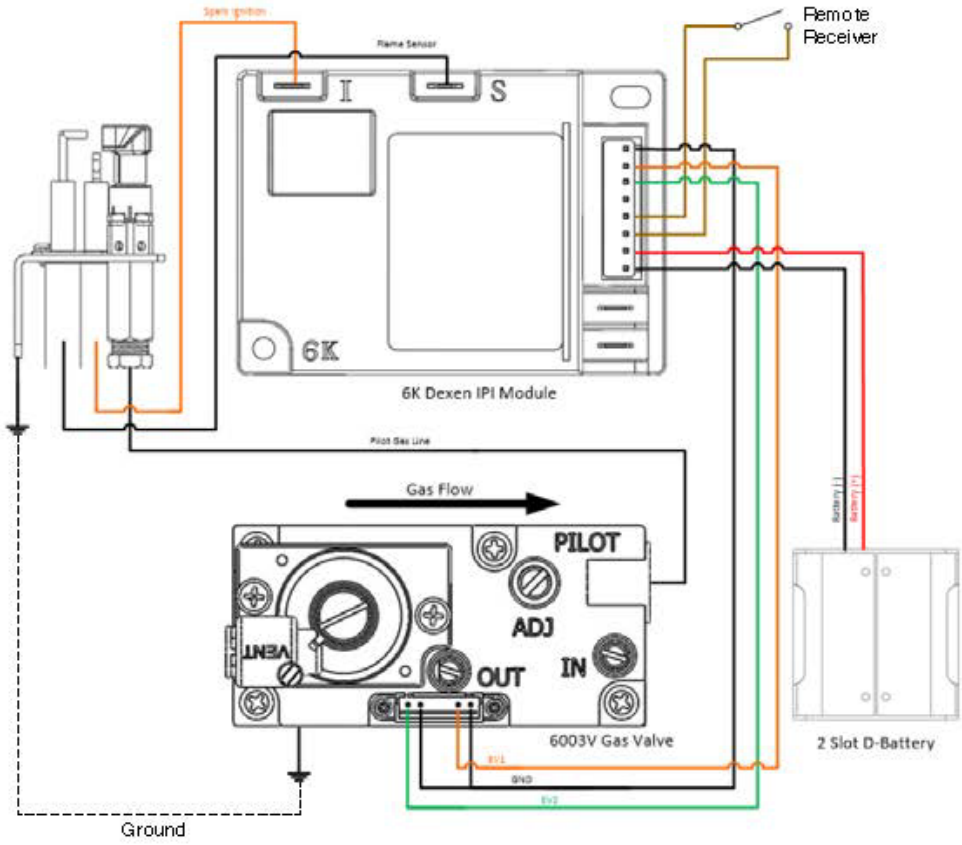
MODELS WITH OUTLET PRESSURE TAP NEXT TO OUTLET.

1. Manometer or gauge attachment may be accomplished at pressure tap plug.
2. Remove regulator adjustment screw cap. (Top of regulator.)
3. With a small screwdriver, rotate adjustment screw "clockwise" to increase or "counterclockwise" to decrease pressure.
4. Replace regulator adjustment screw cap once desired pressure is reached.



DEXEN ELECTRONIC IGNITION INSTALLATION WIRING DIAGRAM – BATTERY POWERED

6003V - Battery Powered IPI System (6K)



IMPORTANT: Ensure that there are 2 x D batteries installed as per diagram 1. The appliance will not operate without batteries in place. Ensure when batteries are in place they are polarity correct.
Also 4 x AA batteries must be installed into the remote receiver & 2 x AA Batteries into the transmitter to operate remote control.
See lighting instructions for operation of appliance.



Diagram 1

DEXEN ELECTRONIC IGNITION BATTERY LIGHTING INSTRUCTIONS

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 is equipped with an ignition device that automatically lights the pilot. DO NOT attempt to light the pilot by hand.

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

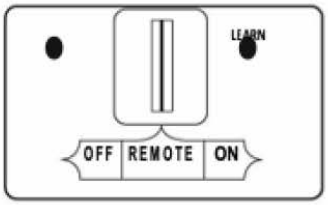
WHAT TO DO IF YOU SMELL GAS

- Do not 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 the remote to light the pilot. This valve will not operate if the pilot is not lit and stable.

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. Attempted operation may result in fire or explosion resulting in property damage, personal injury or loss of life.

REMOTE LIGHTING

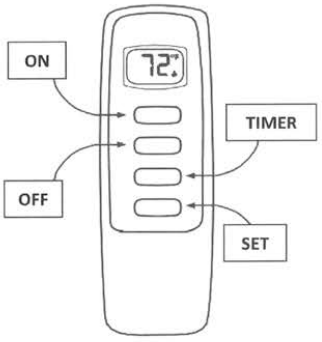


CAUTION: DO NOT attempt to light the pilot by hand.

Note: If the remote does not function, and batteries with an adequate power level are installed, refer to the TRANSMITTER FUNCTION section.

Note: Step 1 may not be required if previously done during an earlier lighting.

1. Locate the 3-position switch on the remote receiver and slide the switch to the REMOTE position.
2. Locate the remote transmitter and press the ON button. The ignition sequence will begin. The remote receiver will emit an audible "beep"; then the igniter will begin to spark. After the pilot lights and is established, the valve will automatically open and the burner will light.



Note: The ignition sequence will take approximately 5 seconds.

WARNING: **If the pilot fails to light or if the burner fails to light (within 5 seconds of pilot lighting), press the OFF button on the remote transmitter and/or slide the switch to the OFF position. Allow five (5) minutes for any gas in the unit to dissipate, then repeat steps 1 and 2 above.**
IF YOU SMELL GAS, SEE STEP B ABOVE.

If the pilot fails to light after several tries, turn all control/remote system components to OFF and contact a qualified professional service technician.

SHUTTING DOWN

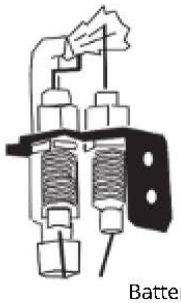
For remote shut down, press the **OFF** button on the remote transmitter.

If remote is unavailable, slide the switch on the remote receiver to the **OFF** position.

PILOT APPEARANCE

Periodically check the pilot for proper flame pattern. The pilot flame should encircle the generator tip, and is reset at the factory.

If the pilot flame burns incorrectly; shut down completely and contact a qualified professional technician.



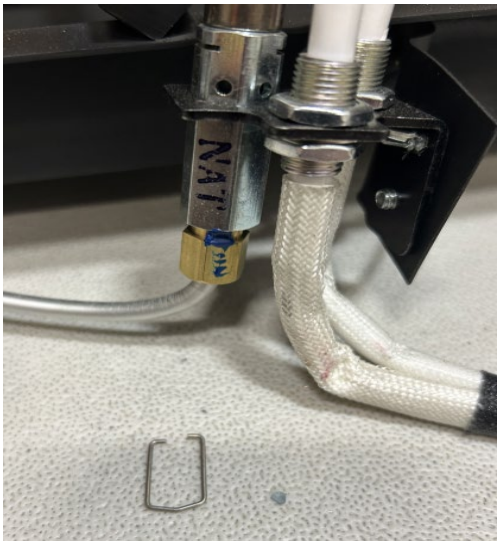
Battery Pilot

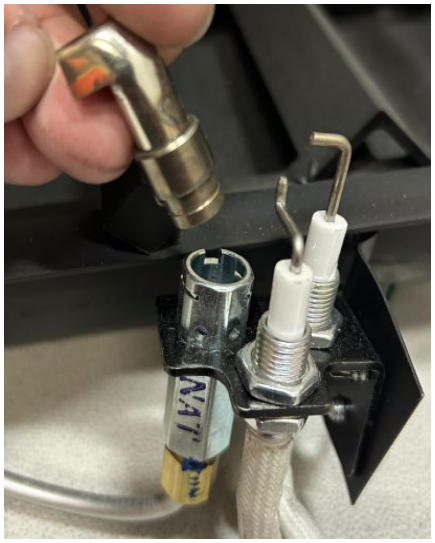
INSTALLATION FROM NATURAL GAS TO LIQUID PROPANE

This conversion kit instructions are to be used with the following kits:

Part # 946-841 - LP conversion kit-Assembled 2 Burner-Electronic ignition-18"
Part # 946-849 - LP conversion kit-Assembled 3 Burner-Electronic ignition-18"
Part # 946-842 - LP conversion kit-Assembled 3 Burner-Electronic Ignition-24"
Part # 946-843 - LP conversion kit-Assembled 3 Burner-Electronic Ignition-30"

1.Locate pilot assembly, remove pilot hood clip. Pilot hood can also be removed at this stage.





2.Locate pilot orifice screw, remove using flat head screwdriver. Replace with LP screw and re-install.

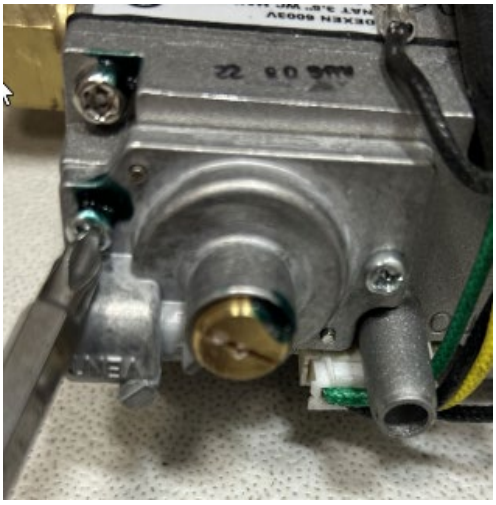
NOTE: It is recommended that you use a magnetic tip screwdriver in order to remove the pilot screw.

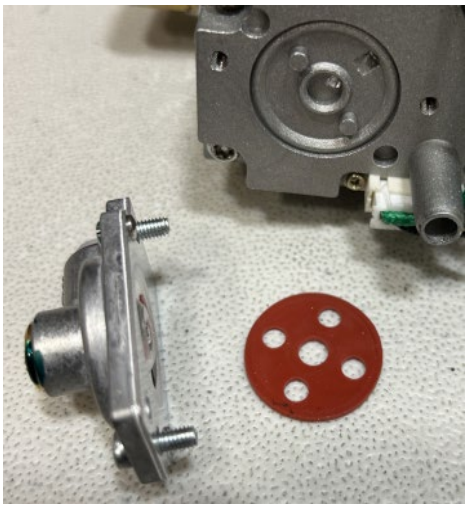




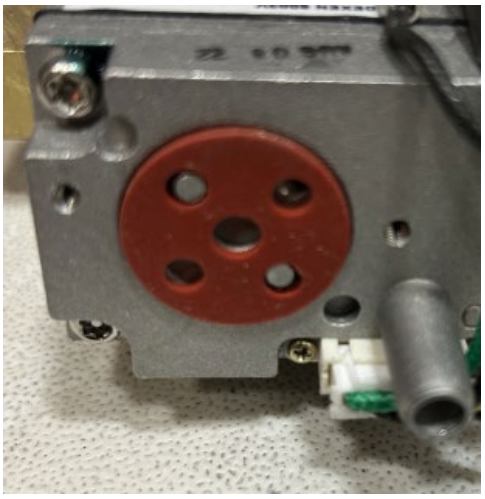
3. Reinstall pilot hood and locking clip reversing the first 2 steps. Pilot conversion is now complete.

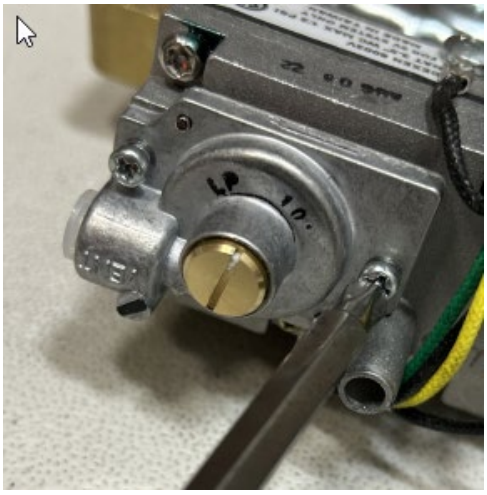
4.Convert gas valve by removing 2 screws holding NG regulator in place. Remove regulator and gasket, discard. THIS IS EXTREMELY IMPORTANT as the gaskets are different.



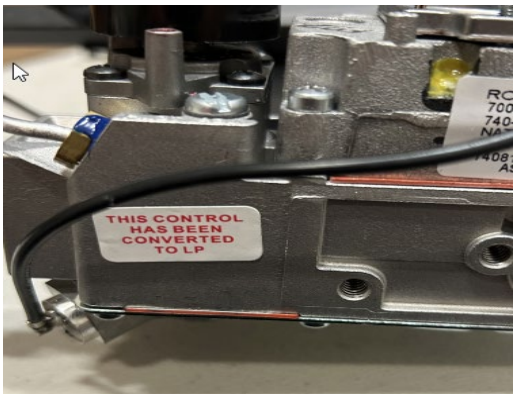


5.Install new gasket and LP regulator. Use the 2 screws provided in the kit.





6. Apply conversion label to gas valve.



7.To convert the burner orifice, remove the 1/2'' flare nut from the burner orifice as shown below.

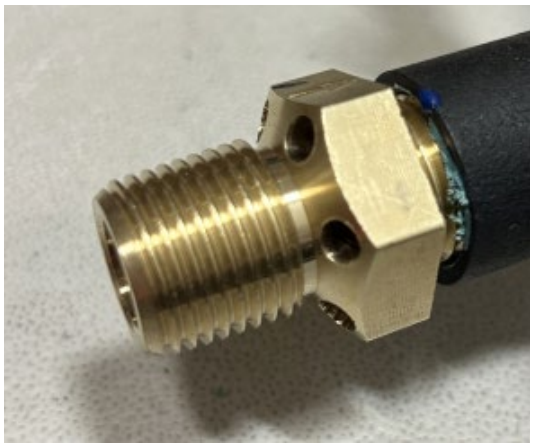


8. Unscrew NG burner orifice, discard this part.

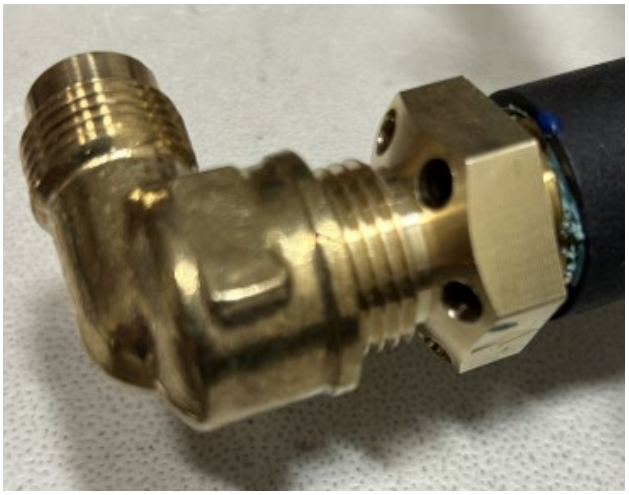


9. Apply thread sealant on LP burner orifice and install. Notice arrow on fitting showing direction of flow.

Burner orifice sizes are as follows for each burner:
2 Burner Electronic ignition-18" Burner - Orifice Size #47
3 Burner Electronic ignition-18" Burner - Orifice Size #48
3 Burner Electronic Ignition-24" Burner - Orifice Size #36
3 Burner-Electronic Ignition-30" Burner - Orifice Size #30



10. Apply thread sealant on LP fitting and install brass 90 degree elbow. Elbow should point to back of burner when completed. Reattach gas flex hose removed in step 7.



11. Completed install of LP burner orifice. Test all connections for gas leaks including pilot tube disconnected in step 2.

12. Fill out the decal that is included with the LP conversion kit. Once the information is filled out, **affix decal as close to the rating plate as possible, in an area where this is easily read.**

13. Install supplied vermiculite on the burner.

INSTALLATION

Vented Installation Restrictions

THIS UNIT MAY NOT BE INSTALLED IN A VENTED FIREPLACE WITH A CHIMNEY OF LESS THAN 15 FEET IN HEIGHT.

This burner system may be installed as a vented decorative appliance in compliance with ANSI Z21.60 and the national Fuel Gas Code, Section 6.6. The minimum permanent free opening of the fireplace chimney or chimney damper must be met per the Chimney Vent Openings shown in this manual.

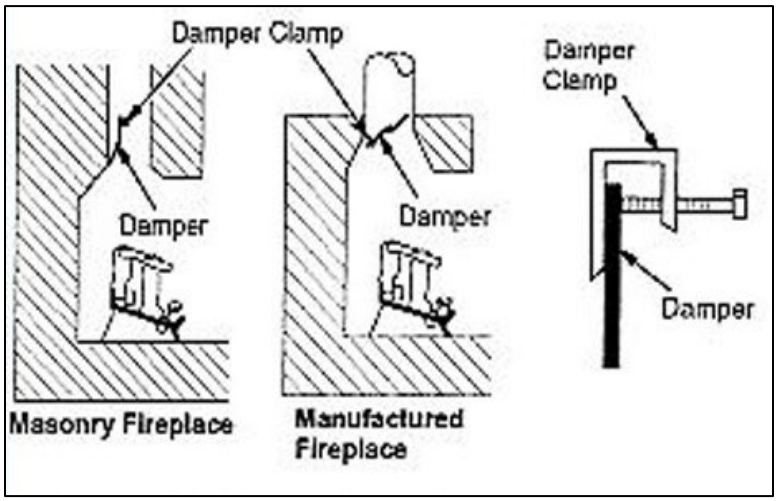
To accomplish this, the chimney damper must be fixed in a manner to maintain permanent free opening at all times.

Damper Clamp

The damper clamp (See Figure below) with bolt is provided as a means to prevent the full closure of the damper blade. The clamp is easily attached to most damper blades with pliers or a wrench, and must be permanently installed. The clamp is designed to prevent accidental closure of the damper when installed as pictured.

Should the clamp not fit, or fail to provide the required permanent vent opening, do any of the following:

- **Have a permanent stop installed**
- **REMOVE THE DAMPER BLADE**
- **Install a screw or bolt on the edge of the damper**
- **Drill holes in the damper**
- **Cut the damper providing the minimum permanent opening required**



The damper clamp with hex bolt is provided as a means to prevent full closure of the damper blade. The clamp is easily attached to most, damper blades with pliers or a wrench, and must be permanently installed. The clamp is designed to prevent accidental closure of the damper when installed. Should the clamp not fit or fail to provide the permanent vent opening listed in the table above, have a permanent stop installed, remove the damper blade or have the damper cut to provide the minimum permanent opening required.

The <u>Regency Log set must be installed by a qualified professional service technician</u>. Instructions must be followed carefully to ensure proper performance and full benefit from the gas log set. Check to be sure the log set is designed and labeled for the type of gas (natural or propane) supplied to the fireplace. Fireplace floor must be level clear of debris and smooth.

WARNING: Failure to position the parts in accordance with this manual or failure to use only parts specifically approved with this appliance may result in property loss, personal injury, or loss of life.

BURNER MEDIA INSTALLATION:

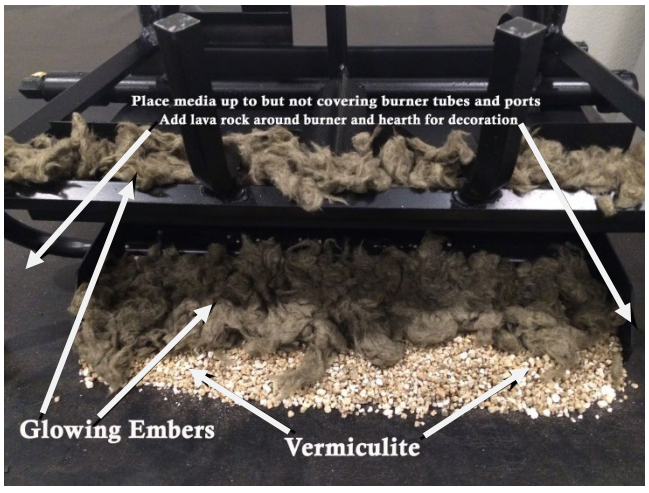
GAS CONNECTION WARNING: Only persons licensed to work with gas piping may make the necessary gas connections to this appliance.
A separate gas shut-off valve should be installed immediately upstream of the connection to the appliance.
If the factory-built fireplace/masonry fireplace has no gas access hole(s) provided, an access hole of 1.5 inch (38 mm) or less may be drilled through the lower sides or bottom of the firebox in a proper workmanship-like manner. This access hole must be plugged with non-combustible insulation after the gas supply line has been installed.

1. **Locate vermiculite (3 burner and LP units only) and the rock wool (Glowing Embers). Vermiculite is used for all propane units and for the ember burner on the 3-burner appliance.**

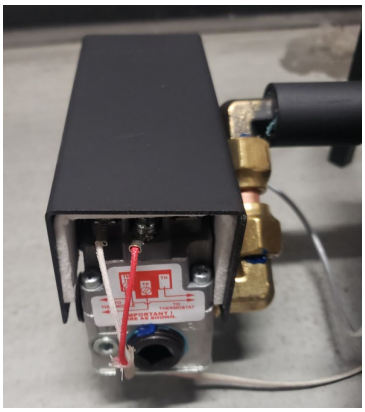
a. **Open the vermiculite, then evenly fill the entire ember pan area,**

2. **Open the bag of rock wool, then spread it evenly throughout the entire ember pan area. Tear the rock wool into smaller pieces and keeping it loosely packed will provide a better ember bed appearance.**
3. **Place supplied heat shield over the gas valve.**

Note: Pictures below may not be exactly as shown but depicts the process.



Heat Shield Placement



Robertshaw Millivolt Gas Valve



Dexen Electronic Gas Valve

NATURAL GAS INSTALLATION

2-BURNER



Tear or Rip embers in pieces as small as possible. Use either a comb or brush to achieve this. The smaller the piece, the better the ember glows. Spread the embers across the front burner and fill up the pan. The front burner should be completely covered. Dump lava rock around the burner covering the hearth.

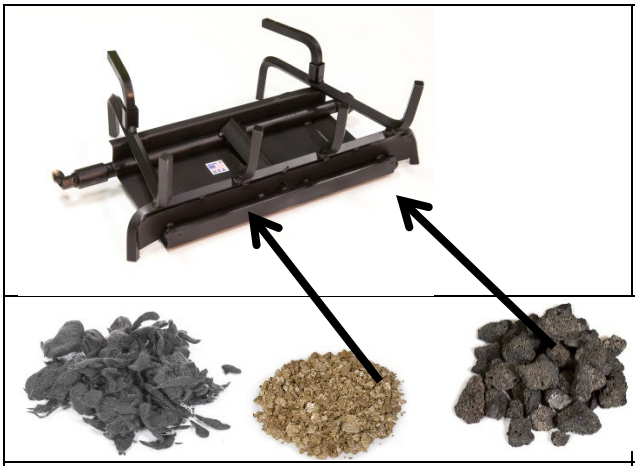
3-BURNER



Tear or Rip embers in pieces as small as possible. Use either a comb or brush to achieve this. The smaller the piece, the better the ember glows. Pour Vermiculite along the bottom ember bed. Spread the embers across the front burner, and fill up the pan. The front burner should be completely covered. Dump lava rock around the burner covering the hearth.

PROPANE GAS INSTALLATION

2-BURNER



Tear or Rip embers in pieces as small as possible. Use either a comb or brush to achieve this. The smaller the piece, the better the ember glows. Pour vermiculite across the front burner. Spread the embers across the front burner and fill up the pan. Dump lava rock around the burner covering the hearth.

3-BURNER



Tear or Rip embers in pieces as small as possible. Use either a comb or brush to achieve this. The smaller the piece, the better the ember glows. Pour Vermiculite along the bottom ember bed. Spread the embers across the front burner, and fill up the pan. Dump lava rock around the burner covering the hearth.

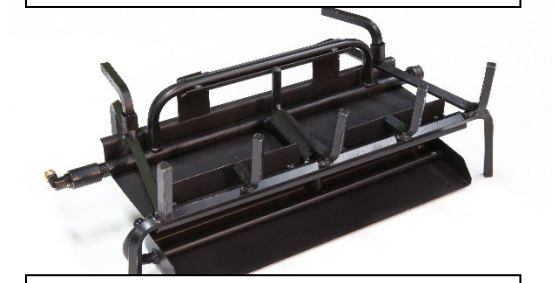
BURNER PARTS LIST



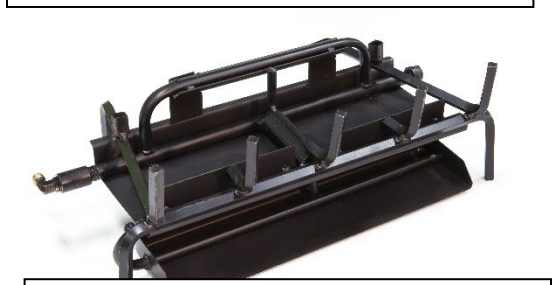
2 Burner w/ Rear Tines Installed



2 Burner w/out Rear Tines Installed



3 Burner w/ Rear Tines Installed



3 Burner w/out Rear Tines Installed

Rear tines are an optional installation and used when you want to add more height to the fireplace log set

Burner kits Include:

- **Burner (Pictured Above)**
- **Lava Rock**
- **Embers**
- **Vermiculite (LP & 3 Burner Only)**
- **Whistle Free flex line**
- **Flare gas inlet fitting**
- **Damper Clamp**
- **Rating plate**
- **Rear Tines**
- **Manual**











ROBERTSHAW OR DEXEN MILLIVOLT – TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
1. Pilot will not light	a. Obstruction in pilot gas supply or pilot gas-supply line is kinked b. Inadequate gas pressure c. Air in line	a. Clear out obstruction. Replace pilot gas-supply line if kinked b. Have gas pressure checked by installer or gas supplier c. Air should clear; attempt to relight
2. Pilot will not stay lit	a. Loose wires b. Low gas pressure c. Faulty thermopile d. Safety magnet wire not connected on TH TP terminal	a. Check all wires are securely in place b. Check gas pressure c. Check MV voltage d. Connect safety magnet wire to TH TP terminal
3. Pilot lights, but main burner will not	a. Wire leads are not connected to proper valve terminals b. Batteries too low for voltage output c. Defective valve	a. Make sure all wire leads are tight and attached to proper terminals (see wiring diagram section pg 4) b. Replace with new ones c. Replace valve
4. Burner system not burning properly	a. Low flame/uneven flame	a. Check for low gas pressure; should have operating pressures of 5" w.c. for natural gas, 11" w.c. for propane at manifold
5. Burner system shuts down during operation	a. Glass doors closed, causing excessive heat buildup b. Pilot electrode not properly set to pilot location c. Heat shield not in place	a. Open glass doors b. See INSTALL (page 8) c. Place heat shield over valve

SMOKING AND/OR SOOTING

Periodically inspect the pilot assembly and valve controls and maintain them free of obstruction or debris. If the pilot flame is not blue with possibly yellow tips and does not impinge on the electrodes or if the pilot does not stay lit, contact a qualified professional service technician to service the pilot system.

DEXEN ELECTRONIC IGNITION TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
1. Pilot will not light	a. Obstruction in pilot gas supply or pilot gas-supply line is kinked b. Inadequate gas pressure c. Air in line	a. Clear out obstruction. Replace pilot gas-supply line if kinked b. Have gas pressure checked by installer or gas supplier c. Air should clear; attempt to relight
2. No spark at pilot	a. Loose wires b. Dead batteries c. Faulty remote	a. Check all wires are securely in place b. Replace batteries c. Replace remote system control appropriate
3. Pilot lights, but main burner will not	a. Wire leads are not connected to proper valve terminals b. Batteries too low for voltage output c. Defective valve	a. Make sure all wire leads are tight and attached to proper terminals (see wiring diagram section pg 4) b. Replace with new ones c. Replace valve
4. Burner system not burning properly	a. Low flame/uneven flame	a. Check for low gas pressure; should have operating pressures of 5" w.c. for natural gas, 11" w.c. for propane at manifold
5. Burner system shuts down during operation	a. Glass doors closed, causing excessive heat buildup b. Pilot electrode not properly set to pilot location c. Heat shield not in place	a. Open glass doors b. See INSTALL (page 8) c. Place heat shield over valve Battery Pack/Receiver d. Batteries going low (cause) e. Install new batteries (solution)
6 Intermittent ignitor spark during use (main burner has been burning for well over a minute).	a. Embers covering pilot assembly	a. Clear all foreign material from around the pilot assembly

Periodically inspect the pilot assembly and valve controls and maintain them free of obstruction or debris. If the pilot flame is not blue with possibly yellow tips and does not impinge on the electrodes or if the pilot does not stay lit, contact a qualified professional service technician to service the pilot system.

TROUBLESHOOTING (Continued): SMOKING/SOOTING/CARBONING OF LOGS

NOTE: Burning Regency Gas Logs for any length of time will cause the logs to soot. Ensure all media that is supplied with this appliance is also used.
Soot is caused by incomplete combustion of the gas leaving behind a dark dense material.
Soot will also accumulate on the logs if the logs are not placed in the proper position according to the log placement diagrams.
Adequate spacing between any of the logs is NECESSARY and MUST be maintained.
Ensure all media that is supplied with this appliance is also used.
To clean off soot use an old toothbrush and gently rub away the soot.

PROBLEM	SOLUTION
Poor draft/down draft	Check for chimney blockage.
	Be sure chimney system is at least 3' taller than anything within 10'
Damper not fully open	Ensure damper is fully open
	Damper clamp has been used to keep damper open
Burner is positioned too	Move burner to center and back of firebox
close to front or side	
Improper media placement	See instruction manual for correct media placement
Improper log placement	See instruction manual for correct log placement
Additional accessories/media	Ensure only approved media is used on this burner system
Negative pressure	Have outside air introduced to ensure clean burn
Insufficient make up air	Have outside air introduced to ensure clean burn.
Excessive Gas Pressure	Check to ensure gas pressure for either NG/LP gas is per data plate
Burner ports plugged	Ensure burner ports are free and clear of debris.
	Ensure only supplied media may be used on gas burner

CAUTION: BURN HAZARD. The logs will remain hot for quite some time once the gas burner has been shut off after use. If you need to reposition any of the logs to maintain proper layout, use only heat resistant gloves or allow log set adequate time to cool off prior to handling.

GAS MAINTENANCE – RECOMMENDED ANNUAL ROUTINE

In order for your Regency appliance to continue to provide comfort to your home, periodic maintenance must be performed to ensure it is operating at peak efficiency. The items in the list should be checked by a licensed gas service technician during the annual service check. Your unit may require more frequent maintenance checks if you notice any changes in how it operates. Operational changes to look for can include, but are not limited to, extended start up time, residue/carbon build up, etc. Should any of these or other conditions arise, discontinue use and schedule a service check with your local licensed gas technician. The list below shows items your licensed service technician will need to check and service at least annually.

CLEAN

- Burner ports & burner air shutter
- Log set
- Pilot orifices
- Pilot hood (Vented)
- Flame sensor (electronic ignition models)
- Flame electrode
- Burner orifice
- Thermocouple (Vent free model)
- Thermopile (millivolt models)

INSPECT

- Pilot assembly
- Burner
- Firebox
- Venting
- Batteries (remote handheld, remote receiver, ignition module, change as needed)
- Burner media (change as needed)
- Air shutter setting (Vent free model)
- Wiring

CHECK

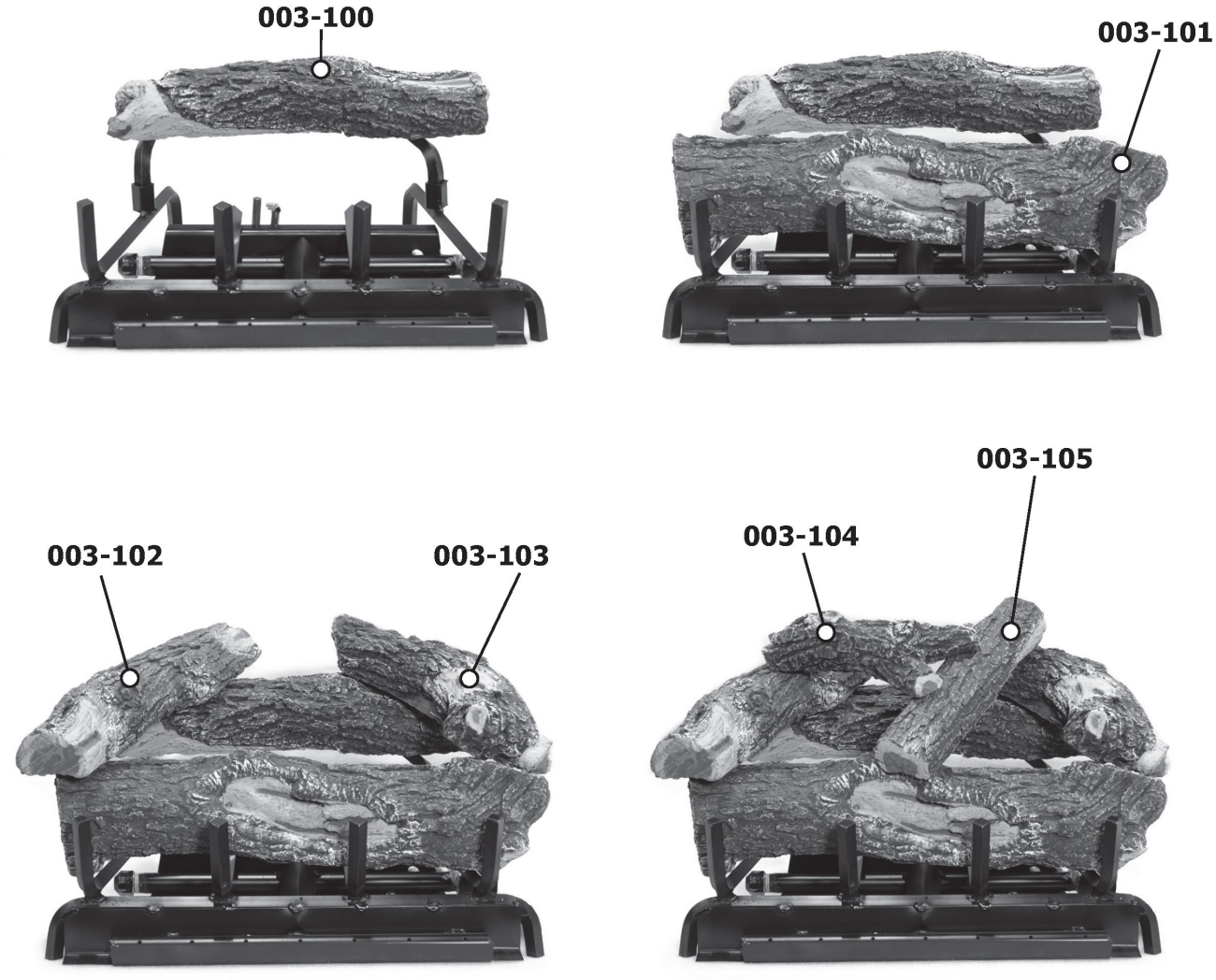
- Voltage on thermopile (millivolt vented models)
- Ohms reading on flame sense (electronic ignition vented models)
- Inlet/outlet fuel pressures as per rating plate
- Voltage/ohms readings on gas valve
- Voltage on thermocouple (Vent free)
    - Ensure pilot is fully engulfing the thermopile and flame sensor (Millivolt/electronic Ignition vented)
    - Ensure pilot is fully engulfing thermocouple (Vent free only)

GAS LEAK TESTS

- Check main gas line connection to valve
- Check shut off valve connections
- Check connection at gas valve outlet
- Check connection at main burner orifice
- Check pilot fuel line at valve and at pilot assembly

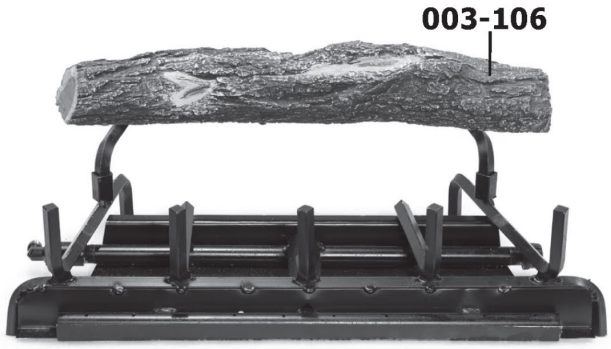
REGENCY®
FIREPLACE PRODUCTS

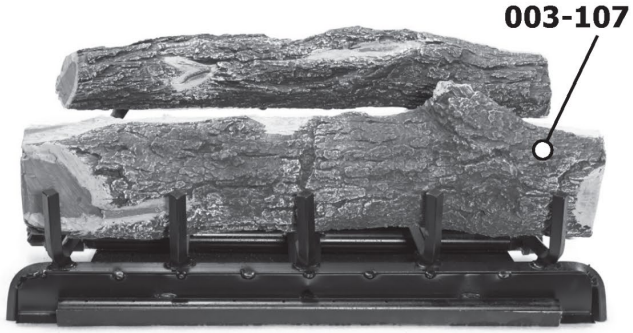
OAK 18" LOG PLACEMENT GUIDE
VENTED LOGS PART # 946-823

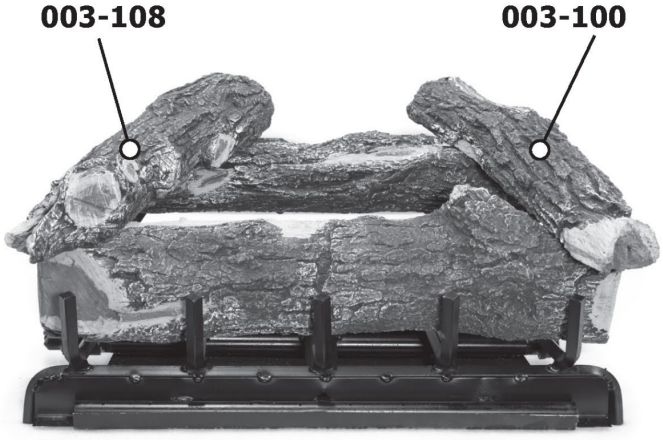


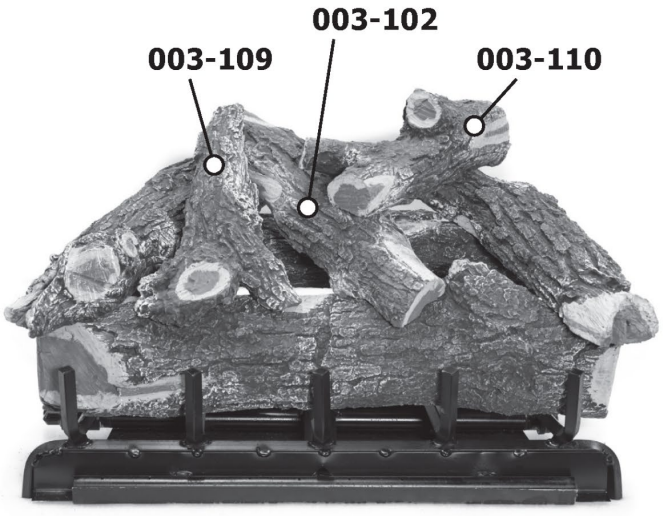
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FIREPLACE PRODUCTS

OAK 24" LOG PLACEMENT GUIDE
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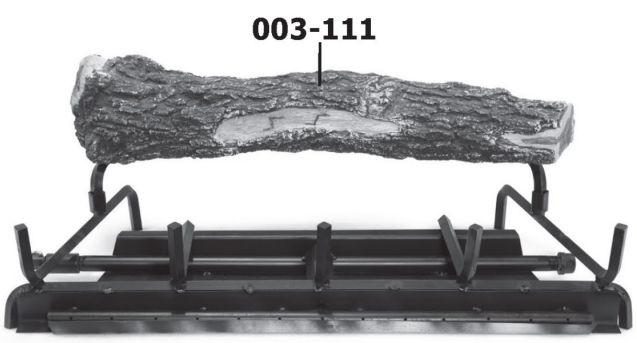


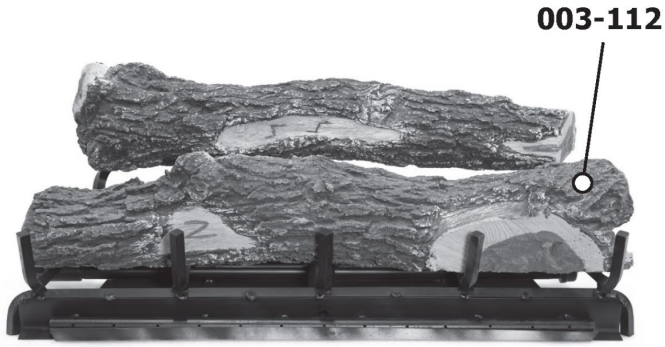


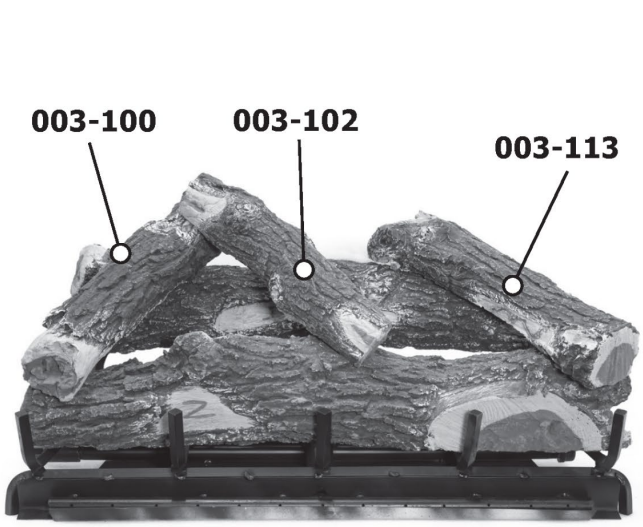


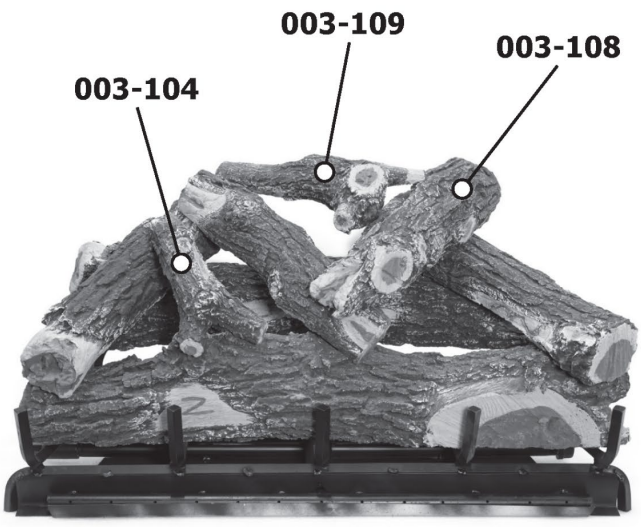
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OAK 30"LOG PLACEMENT GUIDE
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BIRCH 18" LOG PLACEMENT GUIDE
VENTED LOGS PART # 946-826



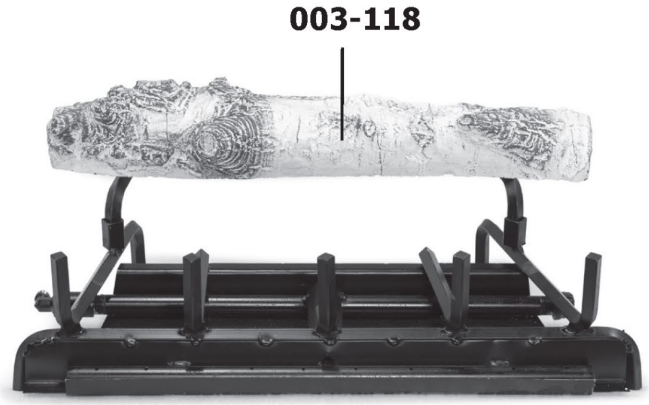


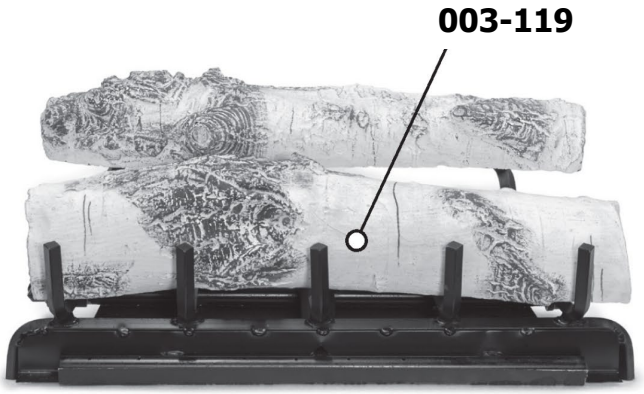


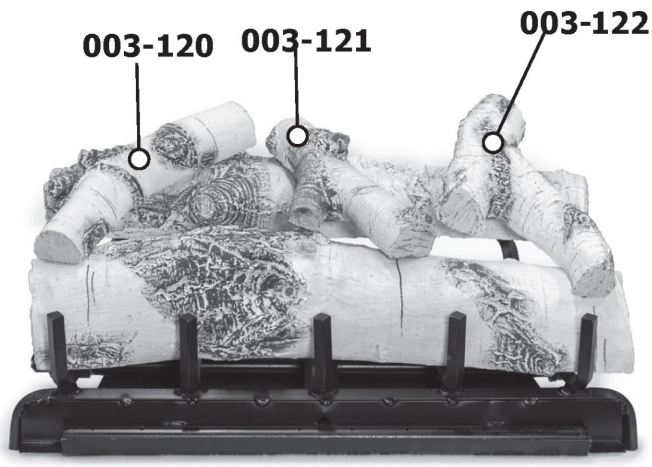


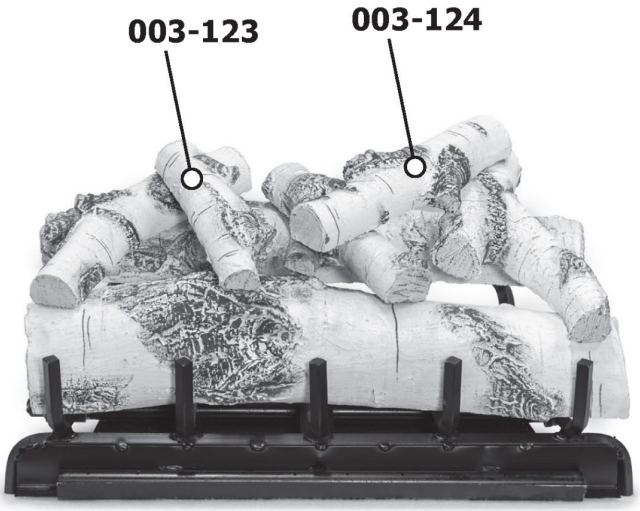
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BIRCH 24" LOG PLACEMENT GUIDE
VENTED LOGS PART # 946-827



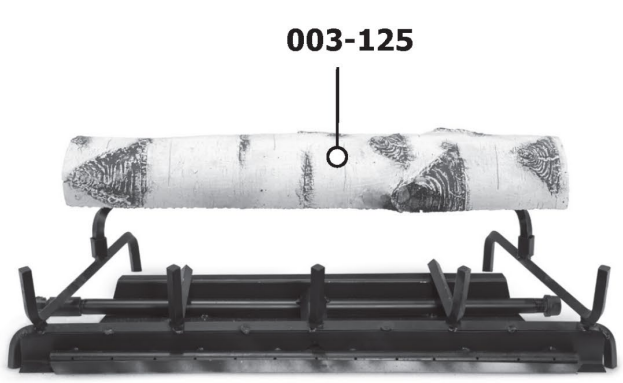




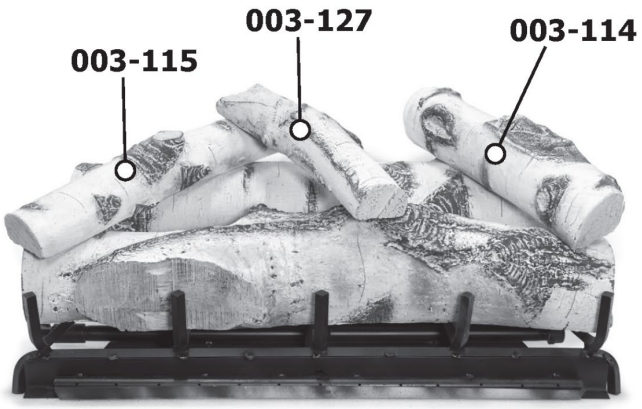


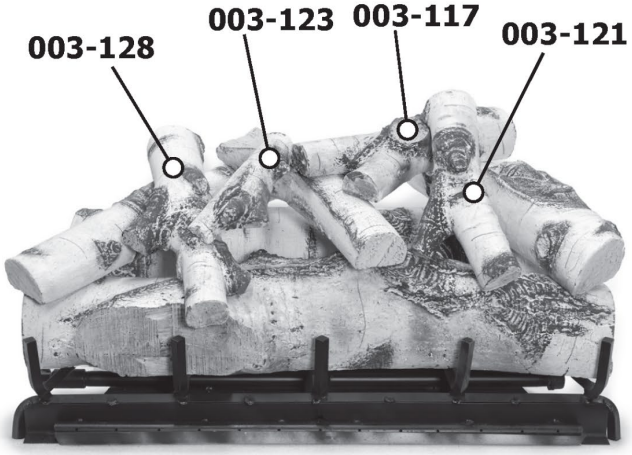
REGENCY
FIREPLACE PRODUCTS

BIRCH 30" LOG PLACEMENT GUIDE
VENTED LOGS PART # 946-828



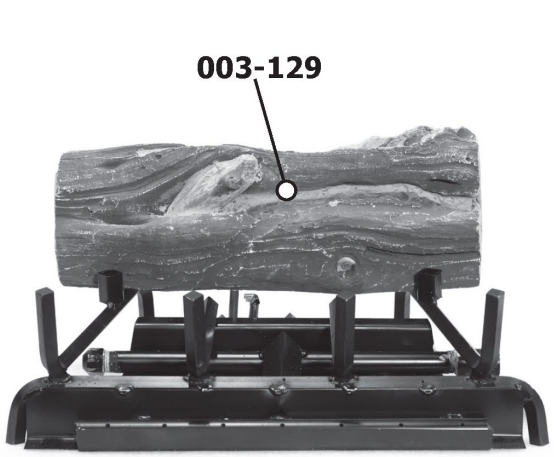


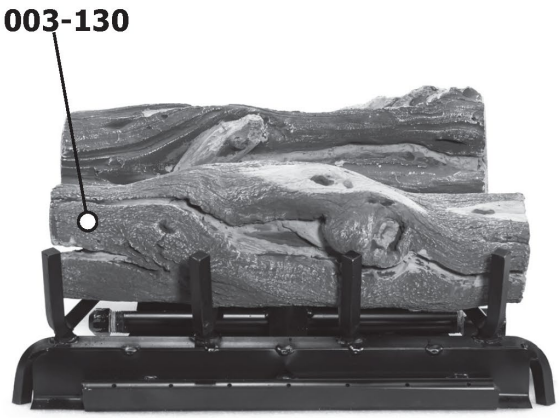




REGENCY
FIREPLACE PRODUCTS

DRIFTWOOD 18" LOG PLACEMENT GUIDE
VENTED LOGS PART # 946-829



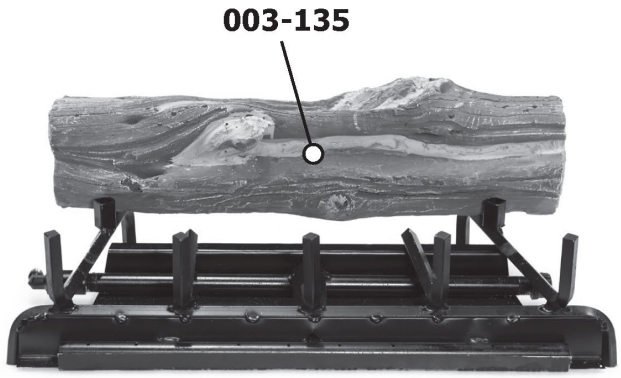


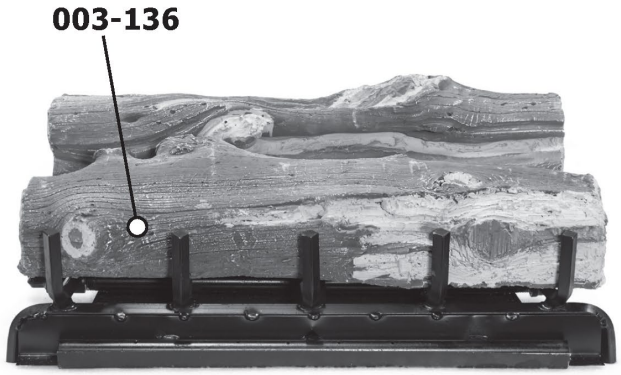


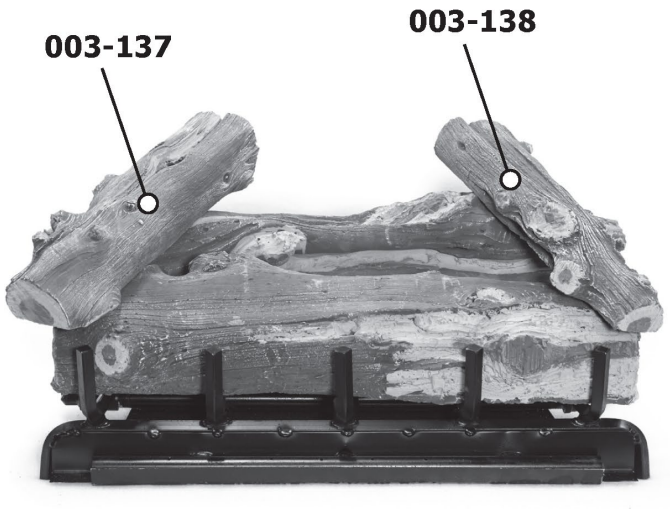


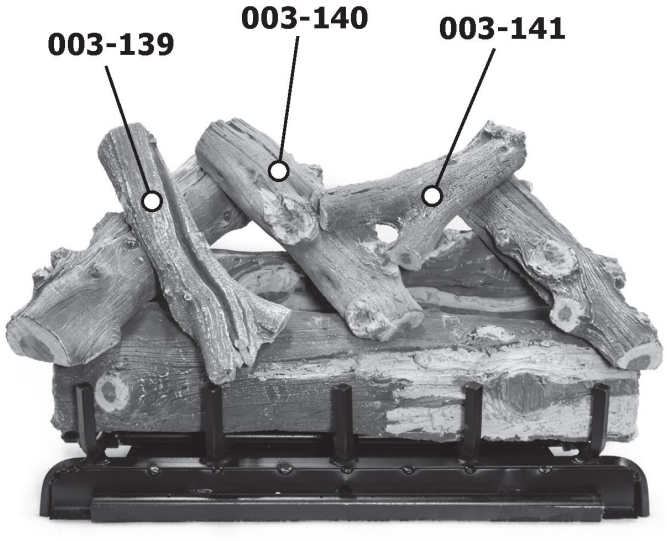
REGENCY
FIREPLACE PRODUCTS

DRIFTWOOD 24" LOG PLACEMENT GUIDE
VENTED LOGS PART # 946-830

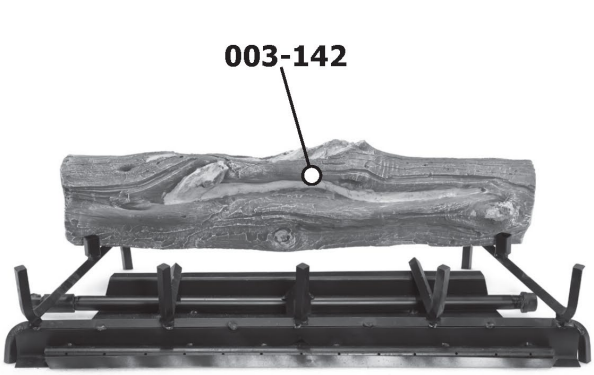


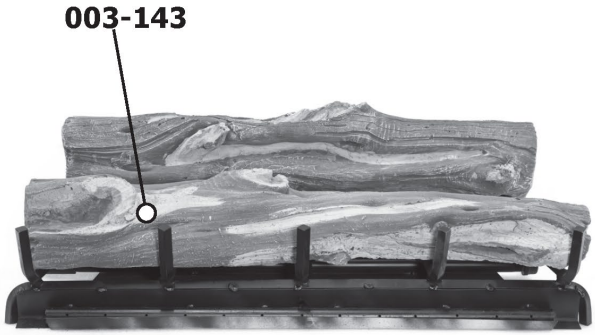


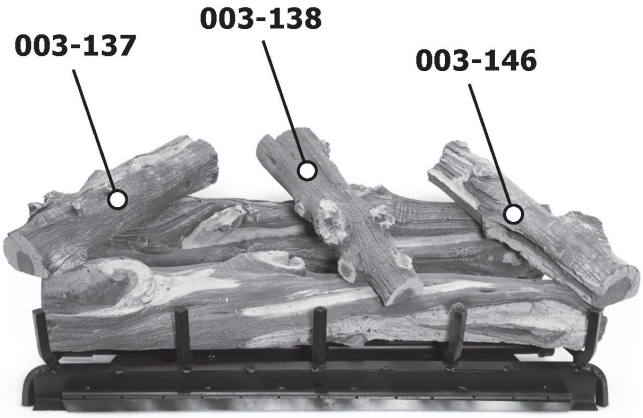


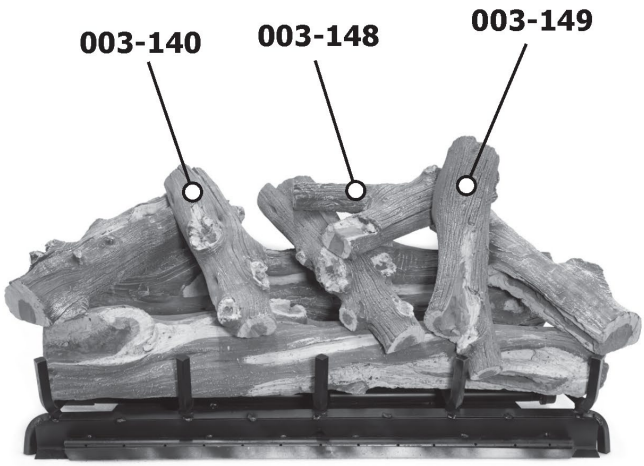


DRIFTWOOD 30" LOG PLACEMENT GUIDE
VENTED LOGS PART # 946-831









VENTED BURNER PART NUMBERS

Robertshaw or Dexen Millivolt Gas Valve

Description	Part #
Vented 2 Burner Millivolt 18 NG	V18M2-NG
Vented 3 Burner Millivolt 18 NG	V18M3-NG
Vented 3 Burner Millivolt 24 NG	V24M3-NG
Vented 3 Burner Millivolt 30 NG	V30M3-NG

Dexen Electronic Ignition Gas Valve

Description	Part #
Vented 2 Burner NG- Electronic Ignition-18"	V18E2-NG
Vented 3 Burner NG- Electronic Ignition-18"	V18E3-NG
Vented 3 Burner NG- Electronic Ignition-24"	V24E3-NG
Vented 3 Burner NG- Electronic Ignition-30"	V30E3-NG

VENTED LP CONVERSION KIT PART NUMBERS

Robertshaw or Dexen Millivolt Gas Valve

Description	Part #
LP conversion kit-for V18M2-NG	946-845
LP conversion kit-for V18M3-NG	946-848
LP conversion kit-for V24M3-NG	946-846
LP conversion kit-for V30M3-NG	946-847

Dexen Electronic Ignition Gas Valve

Description	Part #
LP conversion kit for V18E2-NG	946-841
LP conversion kit for V18E3-NG	946-849
LP conversion kit for V24E3-NG	946-842
LP conversion kit for V30E3-NG	946-843

VENTED GAS LOG SET PART NUMBERS

Description	Part #
Oak- 18"	946-823
Oak- 24"	946-824
Oak- 30"	946-825
Birch-18"	946-826
Birch-24"	946-827
Birch-30"	946-828
Driftwood-18"	946-829
Driftwood-24"	946-830
Driftwood-30"	946-831

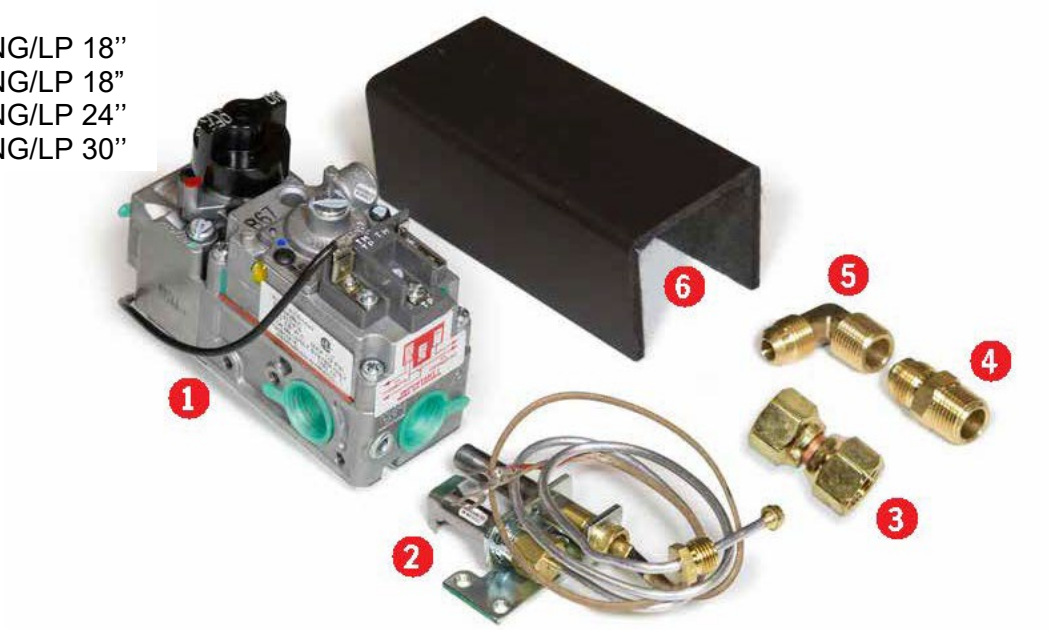
LAVA ROCK

Description	Part #
10 lbs Lava Rock	946-837
Black Embers	946-844

ROBERTSHAW OR DEXEN VALVE PARTS LIST

Robertshaw or Dexen Millivolt Gas Valve

Models
V18M2-NG/LP 18''
V18M3-NG/LP 18"
V24M3-NG/LP 24''
V30M3-NG/LP 30''



V18M2-NG/LP 18" MILLIVOLT (ROBERTSHAW OR DEXEN VALVE)		
	PART #	**DESCRIPTION**
1	003-000	ROBERTSHAW OR DEXEN GAS VALVE NATURAL GAS
1	***	ROBERTSHAW OR DEXEN GAS VALVE PROPANE
2	003-002	18" MILLIVOLT PILOT ASSEMBLY NG
2A	003-003	18" MILLIVOLT PILOT ASSEMBLY LP
3	003-004	1/2 X 1/2 SWIVEL NUT UNION
4	003-005	MALE CONNECTOR 48 SERIES 1/2 FLARE X 1/2 MIP STRAIGHT
5	003-006	MALE ELBOW 1/2 FLARE X 1/2 MIP 90
6	003-007	HEATSHIELD FITS 710 SERIES ROBERTSHAW OR DEXEN
N/S	003-008	DAMPER CLAMP
N/S	003-009	90* HOOD BRACKET AND TUBING
N/S	003-010	18 MILLIVOLT THERMOPILE
N/S	003-011	LP REGULATOR SPRING KIT ROBERTSHAW 710 SERIES
N/S	003-012	LP PILOT ORIFICE
N/S	003-013	18" 2-BURNER NATURAL GAS
N/S	003-014	REMOTE CONTROL KIT
N/S	003-015	LP ORIFICE DRILLED TO #47
N/S	003-016	12/" X 16" BLACK WHISTLE FREE FLEX LINE
N/S	003-017	REAR TINES FOR BACK LOG
N/S	003-018	8 OZ BAG VERMICULITE
N/S = NOT SHOWN		
***MUST ORDER PART # 003-000 ROBERTSHAW OR DEXEN GAS VALVE NG + PART # 003-011 LP REGULATOR SPRING KIT. THE NG REGULATOR SPRING WILL NEED TO BE REMOVED FROM NG VALVE AND REPLACED WITH LP REGULATOR SPRING. FOLLOW INSTRUCTIONS THAT COME WITH THE LP REGULATOR SPRING KIT.		

V18M3-NG/LP 18"s MILLIVOLT (ROBERTSHAW OR DEXEN VALVE)		
	PART #	**DESCRIPTION**
1	003-000	ROBERTSHAW OR DEXEN GAS VALVE NATURAL GAS
1	***	ROBERTSHAW OR DEXEN GAS VALVE PROPANE
2	003-002	18" MILLIVOLT PILOT ASSEMBLY NG
2A	003-003	18" MILLIVOLT PILOT ASSEMBLY LP
3	003-004	1/2 X 1/2 SWIVEL NUT UNION
4	003-005	MALE CONNECTOR 48 SERIES 1/2 FLARE X 1/2 MIP STRAIGHT
5	003-006	MALE ELBOW 1/2 FLARE X 1/2 MIP 90
6	003-007	HEATSHIELD FITS 710 SERIES ROBERTSHAW OR DEXEN
N/S	003-008	DAMPER CLAMP
N/S	003-009	90* HOOD BRACKET AND TUBING
N/S	003-010	18 MILLIVOLT THERMOPILE
N/S	003-011	LP REGULATOR SPRING KIT ROBERTSHAW OR DEXEN 710 SERIES
N/S	003-012	LP PILOT ORIFICE
N/S	003-013	18" 2-BURNER NATURAL GAS
N/S	003-014	REMOTE CONTROL KIT
N/S	003-051	LP ORIFICE DRILLED TO #48
N/S	003-016	12/" X 16" BLACK WHISTLE FREE FLEX LINE
N/S	003-017	REAR TINES FOR BACK LOG
N/S	003-018	8 OZ BAG VERMICULITE
N/S = NOT SHOWN		
***MUST ORDER PART # 003-000 ROBERTSHAW OR DEXEN GAS VALVE NG + PART # 003-011 LP REGULATOR SPRING KIT. THE NG REGULATOR SPRING WILL NEED TO BE REMOVED FROM NG VALVE AND REPLACED WITH LP REGULATOR SPRING. FOLLOW INSTRUCTIONS THAT COME WITH THE LP REGULATOR SPRING KIT.		

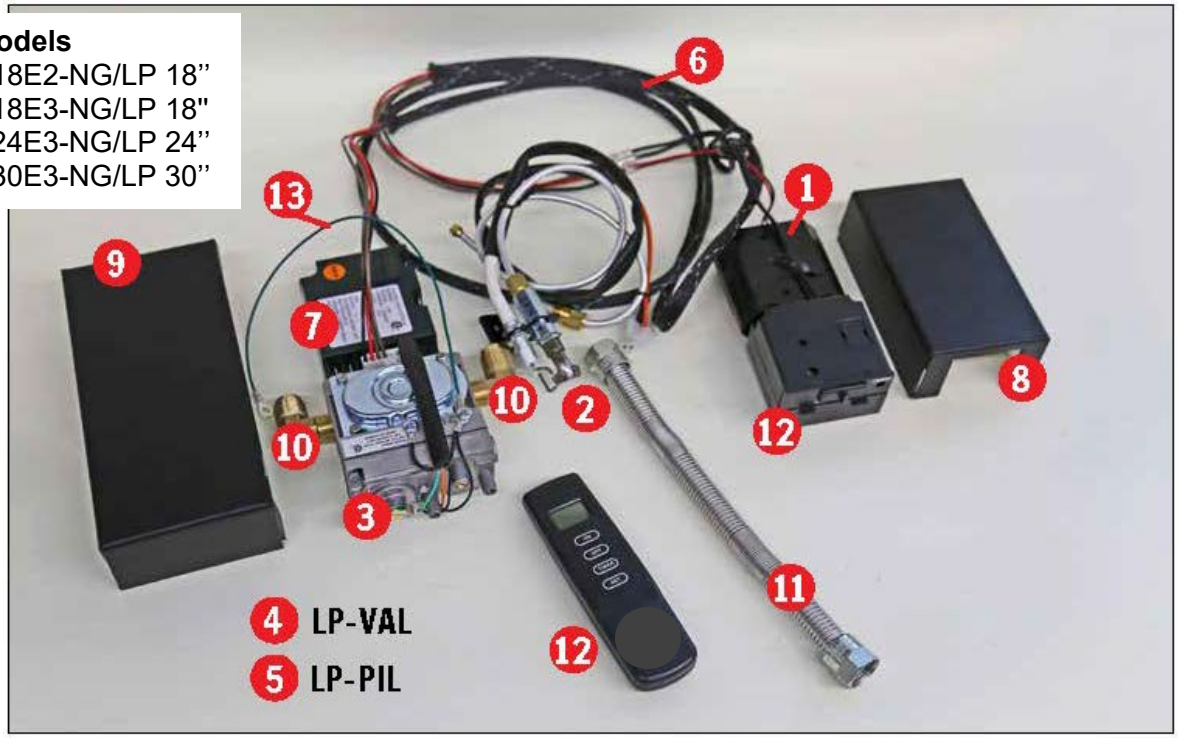
V24M3-NG/LP 24" BURNER MILLIVOLT (ROBERTSHAW OR DEXEN VALVE)		
	PART #	**DESCRIPTION**
1	003-000	ROBERTSHAW OR DEXEN GAS VALVE NATURAL GAS
1	***	ROBERTSHAW OR DEXEN GAS VALVE PROPANE
2	003-002	18" MILLIVOLT PILOT ASSEMBLY NG
2A	003-003	18" MILLIVOLT PILOT ASSEMBLY LP
3	003-004	1/2 X 1/2 SWIVEL NUT UNION
4	003-005	MALE CONNECTOR 48 SERIES 1/2 FLARE X 1/2 MIP STRAIGHT
5	003-006	MALE ELBOW 1/2 FLARE X 1/2 MIP 90
6	003-007	HEATSHIELD FITS 710 SERIES ROBERTSHAW OR DEXEN
N/S	003-008	DAMPER CLAMP
N/S	003-009	90* HOOD BRACKET AND TUBING
N/S	003-010	18 MILLIVOLT THERMOPILE
N/S	003-011	LP REGULATOR SPRING KIT ROBERTSHAW OR DEXEN 710 SERIES
N/S	003-012	LP PILOT ORIFICE
N/S	003-013	24" 3-BURNER NATURAL GAS
N/S	003-014	REMOTE CONTROL KIT
N/S	003-020	LP ORIFICE DRILLED TO #41
N/S	003-016	12" X 16" BLACK WHISTLE FREE FLEX LINE
N/S	003-017	REAR TINES FOR BACK LOG
N/S	003-018	8 OZ BAG VERMICULITE
N/S = NOT SHOWN		
***MUST ORDER PART # 003-000 ROBERTSHAW OR DEXEN GAS VALVE NG + PART # 003-011 LP REGULATOR SPRING KIT. THE NG REGULATOR SPRING WILL NEED TO BE REMOVED FROM NG VALVE AND REPLACED WITH LP REGULATOR SPRING. FOLLOW INSTRUCTIONS THAT COME WITH THE LP REGULATOR SPRING KIT.		

V30M3-NG/LP 30" BURNER MILLIVOLT (ROBERTSHAW OR DEXEN VALVE)		
	PART #	**DESCRIPTION**
1	003-000	ROBERTSHAW OR DEXEN GAS VALVE NATURAL GAS
1	***	ROBERTSHAW OR DEXEN GAS VALVE PROPANE
2	003-002	18" MILLIVOLT PILOT ASSEMBLY NG
2A	003-003	18" MILLIVOLT PILOT ASSEMBLY LP
3	003-004	1/2 X 1/2 SWIVEL NUT UNION
4	003-005	MALE CONNECTOR 48 SERIES 1/2 FLARE X 1/2 MIP STRAIGHT
5	003-006	MALE ELBOW 1/2 FLARE X 1/2 MIP 90
6	003-007	HEATSHIELD FITS 710 SERIES ROBERTSHAW OR DEXEN
N/S	003-008	DAMPER CLAMP
N/S	003-009	90* HOOD BRACKET AND TUBING
N/S	003-010	18 MILLIVOLT THERMOPILE
N/S	003-011	LP REGULATOR SPRING KIT ROBERTSHAW OR DEXEN 710 SERIES
N/S	003-012	LP PILOT ORIFICE
N/S	003-013	30" 3-BURNER NATURAL GAS
N/S	003-014	REMOTE CONTROL KIT
N/S	003-022	LP ORIFICE DRILLED TO #35
N/S	003-016	12" X 16" BLACK WHISTLE FREE FLEX LINE
N/S	003-017	REAR TINES FOR BACK LOG
N/S	003-018	8 OZ BAG VERMICULITE
N/S = NOT SHOWN		
***MUST ORDER PART # 003-000 ROBERTSHAW OR DEXEN GAS VALVE NG + PART # 003-011 LP REGULATOR SPRING KIT. THE NG REGULATOR SPRING WILL NEED TO BE REMOVED FROM NG VALVE AND REPLACED WITH LP REGULATOR SPRING. FOLLOW INSTRUCTIONS THAT COME WITH THE LP REGULATOR SPRING KIT.		

DEXEN VALVE PARTS LIST

Electronic Ignition with Dexen Valve

Models
V18E2-NG/LP 18''
V18E3-NG/LP 18"
V24E3-NG/LP 24''
V30E3-NG/LP 30''



V18E2-NG/LP 18" ELECTRONIC IGNITION (DEXEN VALVE)		
	PART #	**DESCRIPTION**
1	003-023	3V DEXEN BATTERY PACK (2 D-CELL BATTERIES NOT INCLUDED)
2	003-024	24" PILOT ASSEMBLY, BATTERY ELECTRONIC NG
2	003-025	24" PILOT ASSEMBLY, BATTERY ELECTRONIC LP
3	003-026	6003-NAT 3.5" W.C., 2 1/2" MIP x 1/2" FLARE ELBOWS
3	003-027	6003-P 10" W.C., 2 1/2" MIP x 1/2" FLARE ELBOWS
4	003-028	LP PRESSURE REGULATOR FOR 60003V 3V VALVE 10" W.C.
5	003-029	3V DEXEN PROPANE PILOT ORIFICE
6	003-030	GM6K TO 6003V WIRE HARNESS (12" VAL WIR, 84" SWITCH/BAT WIR)
7	003-031	6K MODULE FOR 3V IGN MODULE
8	003-035	Battery Electronic Battery/Receiver Heat Shield w/Insulation
9	003-032	Battery Electronic Valve/Module Heat Shield w/Insulation
10	003-033	49 SERIES 3/8 X 1/2 90* ELBOW
11	003-034	WHISTLE FREE FLEX 1/2 X 10
12	003-014	REMOTE CONTROL KIT
N/S	003-008	DAMPER CLAMP

N/S	003-013	18" 2-Burner Natural Gas
N/S	003-015	LP ORIFICE DRILLED TO #47
N/S	003-016	12/" X 16" BLACK WHISTLE FREE FLEX LINE
N/S	003-017	REAR TINES FOR BACK LOG
N/S	003-018	8 OZ BAG VERMICULITE
N/S = NOT SHOWN		

V18E3-NG/LP 18" ELECTRONIC IGNITION (DEXEN VALVE)		
	PART #	**DESCRIPTION**
1	003-023	3V DEXEN BATTERY PACK (2 D-CELL BATTERIES NOT INCLUDED)
2	003-024	24" PILOT ASSEMBLY, BATTERY ELECTRONIC NG
2	003-025	24" PILOT ASSEMBLY, BATTERY ELECTRONIC LP
3	003-026	6003-NAT 3.5" W.C., 2 1/2" MIP x 1/2" FLARE ELBOWS
3	003-027	6003-P 10" W.C., 2 1/2" MIP x 1/2" FLARE ELBOWS
4	003-028	LP PRESSURE REGULATOR FOR 60003V 3V VALVE 10" W.C.
5	003-029	3V DEXEN PROPANE PILOT ORIFICE
6	003-030	GM6K TO 6003V WIRE HARNESS (12" VAL WIR, 84" SWITCH/BAT WIR)
7	003-031	6K MODULE FOR 3V IGN MODULE
8	003-035	Battery Electronic Battery/Receiver Heat Shield w/Insulation
9	003-032	Battery Electronic Valve/Module Heat Shield w/Insulation
10	003-033	49 SERIES 3/8 X 1/2 90* ELBOW
11	003-034	WHISTLE FREE FLEX 1/2 X 10
12	003-014	REMOTE CONTROL KIT
N/S	003-008	DAMPER CLAMP
N/S	003-013	18" 2-Burner Natural Gas
N/S	003-051	LP ORIFICE DRILLED TO #48
N/S	003-016	12/" X 16" BLACK WHISTLE FREE FLEX LINE
N/S	003-017	REAR TINES FOR BACK LOG
N/S	003-018	8 OZ BAG VERMICULITE
N/S = NOT SHOWN		

V24E3-NG/LP 24" ELECTRONIC IGNITION (DEXEN VALVE)		
	PART #	**DESCRIPTION**
1	003-023	3V DEXEN BATTERY PACK (2 D-CELL BATTERIES NOT INCLUDED)
2	003-024	24" PILOT ASSEMBLY, BATTERY ELECTRONIC NG
2	003-025	24" PILOT ASSEMBLY, BATTERY ELECTRONIC LP
3	003-026	6003-NAT 3.5" W.C., 2 1/2" MIP x 1/2" FLARE ELBOWS
3	003-027	6003-P 10" W.C., 2 1/2" MIP x 1/2" FLARE ELBOWS
4	003-028	LP PRESSURE REGULATOR FOR 60003V 3V VALVE 10" W.C.
5	003-029	3V DEXEN PROPANE PILOT ORIFICE
6	003-030	GM6K TO 6003V WIRE HARNESS (12" VAL WIR, 84" SWITCH/BAT WIR)
7	003-031	6K MODULE FOR 3V IGN MODULE
8	003-035	Battery Electronic Battery/Receiver Heat Shield w/Insulation
9	003-032	Battery Electronic Valve/Module Heat Shield w/Insulation
10	003-033	49 SERIES 3/8 X 1/2 90* ELBOW
11	003-034	WHISTLE FREE FLEX 1/2 X 10
12	003-014	REMOTE CONTROL KIT
N/S	003-008	DAMPER CLAMP
N/S	003-036	LP ORIFICE DRILLED TO #36
N/S	003-016	12/" X 16" BLACK WHISTLE FREE FLEX LINE
N/S	003-017	REAR TINES FOR BACK LOG
N/S	003-018	8 OZ BAG VERMICULITE
N/S = NOT SHOWN		

V30E3-NG/LP 30" ELECTRONIC IGNITION (DEXEN VALVE)		
	PART #	**DESCRIPTION**
1	003-023	3V DEXEN BATTERY PACK (2 D-CELL BATTERIES NOT INCLUDED)
2	003-024	24" PILOT ASSEMBLY, BATTERY ELECTRONIC NG
2	003-025	24" PILOT ASSEMBLY, BATTERY ELECTRONIC LP
3	003-026	6003-NAT 3.5" W.C., 2 1/2" MIP x 1/2" FLARE ELBOWS
3	003-027	6003-P 10" W.C., 2 1/2" MIP x 1/2" FLARE ELBOWS
4	003-028	LP PRESSURE REGULATOR FOR 60003V 3V VALVE 10" W.C.
5	003-029	3V DEXEN PROPANE PILOT ORIFICE
6	003-030	GM6K TO 6003V WIRE HARNESS (12" VAL WIR, 84" SWITCH/BAT WIR)
7	003-031	6K MODULE FOR 3V IGN MODULE
8	003-035	Battery Electronic Battery/Receiver Heat Shield w/Insulation
9	003-032	Battery Electronic Valve/Module Heat Shield w/Insulation
10	003-033	49 SERIES 3/8 X 1/2 90* ELBOW
11	003-034	WHISTLE FREE FLEX 1/2 X 10
12	003-014	REMOTE CONTROL KIT
N/S	003-008	DAMPER CLAMP
N/S	003-050	LP ORIFICE DRILLED TO #30
N/S	003-016	12/" X 16" BLACK WHISTLE FREE FLEX LINE
N/S	003-017	REAR TINES FOR BACK LOG
N/S	003-018	8 OZ BAG VERMICULITE
N/S = NOT SHOWN		

INDOOR GAS BURNER WARRANTY

Limited Lifetime Warranty

FPI Fireplace Products International Ltd. (for Canadian customers) and Fireplace Products US, Inc. (for US customers) (collectively referred to herein as "FPI") extends this Limited Lifetime Warranty to the original purchaser of this Appliance provided the product remains in the original place of installation. The items covered by this Limited Lifetime Warranty and the period of such coverage are set forth in the table below.

An Appliance in this policy is defined as an Indoor vented or vent free Gas Burner.
This Appliance has only been certified and listed for use indoors.

This Limited Lifetime Warranty starts on the day the Appliance was purchased.
The Limited Lifetime Warranty is not transferable, amendable or negotiable under any circumstances.

Indoor Gas Products Warranty Coverage Parts and Labor	**Parts Limited Lifetime**	**Parts 2 years**	**Subsidized Labor Coverage* (Years)**
**Log sets/Burners/Burner Tubes/Grates	✓		1
Valve assembly and all gas control components (Pilot assembly, flame sensors, Spark Electrode, Pilot Tubing, Orifices, Thermocouple, ODS Pilot)		✓	1
All Other Electrical components (Ignition Control Boards, Wiring, Switches, Battery Pack, Remote Control Systems)		✓	1

Note: Warranty coverage noted above may not be applicable as components/options vary based on appliance purchased.

Conditions:

Warranty protects against defect in manufacture or FPI factory-assembled components only, unless herein specified otherwise.

***This warranty does not cover dealer travel costs, mileage, fuel, tolls for diagnostic or service work. All labor rates paid to authorized dealers are subsidized, pre-determined rates. Dealers may charge you for travel and additional time beyond their subsidy.**

Any part(s) found to be defective during the warranty period as outlined above will be repaired or replaced at FPI's option through an accredited distributor, dealer or pre-approved and assigned agent; provided that the defective part is returned to the distributor, dealer or agent for inspection if requested by FPI. Alternatively, FPI may, at its discretion, fully discharge all of its obligations under warranty by refunding the verified purchase price of the product to the original purchaser. The purchase price must be confirmed by the original Bill of Sale. **The authorized selling dealer, or an alternative authorized FPI dealer if pre-approved by FPI, is responsible for all in-field diagnosis and service work related to all warranty claims. FPI is not responsible for results or costs of workmanship of unauthorized FPI dealers or agents in the negligence of their service work.**

At all times, FPI reserves the right to inspect reported in the field/on location complaints of products claimed to be defective before processing or authorizing any claim. Failure to allow this upon request will void the warranty.

All warranty claims must be submitted by the dealer servicing the claim, including a copy of the Bill of Sale (proof of purchase by you). All claims must be complete and provide full details as requested by FPI to receive consideration for evaluation. **Incomplete claims may be rejected.**

****Replacement Burners/Burner Tubes/Log Sets/Grates to the original purchaser are limited to one per warranty term.** Appliances must be installed according to all manufacturers' instructions as per the manual. All Local and National required codes must be met.

The installer is responsible for ensuring the Appliance is operating as designed at the time of installation.

The original purchaser is responsible for the annual maintenance of the Appliance, as outlined in the owner's manual. As outlined below, the warranty may be voided due to problems caused by a lack of maintenance.

Purchased parts: Repair/replacement parts purchased by the consumer from FPI after the original coverage has expired on the Appliance will carry a **90-day** warranty from the purchase date, valid with a receipt only. Any item shown to be defective will be repaired or replaced at our discretion. No labor coverage is included with these parts.

If freight damage has been found either externally or internally, the dealer must be informed within 3 days. All claims as a result of damage must be submitted by the dealer servicing the claim, including a copy of the Bill of Sale (proof of purchase). All claims must be complete and provide full details as requested by FPI to receive consideration for evaluation. **Incomplete claims may be rejected.**

As this is a Limited Lifetime Warranty, if the Appliance needs to be replaced, the Appliance that was purchased at the time of sale might not be replaced with exactly the same model Appliance. In that case, FPI will replace your Appliance with one that is similar at the time of replacement under the terms of this Limited Lifetime Warranty, but ONLY in the event that an item covered by the Limited Lifetime Warranty is found to be defective. Please refer to the table on first page of this warranty for items covered by the Limited Lifetime Warranty. Product changes might be the result of the original Appliance being discontinued, changes in regulatory requirements, product advancements, etc., which are beyond the control of FPI. **This Limited Lifetime Warranty does not cover any installation costs, or costs associated with changes of required clearances for the replacement Appliance, hearth pads, mantles, facing and/or facing materials such as framing, completed walls made of drywall, wood, non-combustible board, tile, brick, stone, marble etc., venting/chimney systems, or components of the chimney system.**

If a suitable replacement is not available, FPI will refund **50%** of the purchase price of the Appliance and any applicable FPI accessories (faceplates, brick panels, media, etc.) purchased at the time of sale. **In no event will FPI refund any portion of the purchase price of, or reimburse costs associated with, any other items, including without limitation, installation of a new Appliance, changes of required clearances for a new Appliance, hearth pads, mantles, facing and/or facing materials such as framing, completed walls made of drywall, wood, non- combustible board, tile, brick, stone, marble etc., venting/chimney systems, or components of the chimney system. A copy of the receipt or bill of sale will be necessary to validate the purchase price.**

Exclusions:

This Limited Lifetime Warranty does not extend to paint, rust or corrosion of any kind due to a lack of maintenance or improper venting, combustion air provision, corrosive chemicals (i.e. chlorine, salt, air, etc.), door or glass gasketing, batteries, lava rock, platinum/glowing embers, vermiculite.

**This Limited Lifetime warranty does not cover color fading, carbon/sooting of the log sets due to use.

Malfunction, damage or performance-based issues as a result of environmental conditions, location, chemical damages, downdrafts, installation error, an installation by an unqualified installer, incorrect chimney components (including but not limited to cap size or type), operator error, abuse, misuse, use of improper fuels, lack of regular maintenance and upkeep, acts of God, weather-related problems from hurricanes, tornados, earthquakes, floods, lightning strikes/bolts or acts of terrorism or war, which result in a malfunction of the Appliance are not covered under the terms of this Limited Lifetime Warranty.

FPI has no obligation to enhance or modify any Appliance once manufactured (i.e. as products evolve, field modifications or upgrades will not be performed on existing Appliances).

Any Appliance showing signs of neglect or misuse will not be covered under the terms of this warranty policy and may void this warranty, including Appliances with rust or corrosion that have not been reported as rusted or corroded within **three (3)** months of installation/purchase.

Appliances which show evidence of being operated while damaged, or with problems known to the purchaser and causing further damages will void this warranty.

Appliances where the serial no. has been altered, deleted, removed or made illegible will void this warranty.

Minor movement, expansion and contraction of the steel is normal and is not covered under the terms of this warranty.

Freight damages for products or parts are not covered under the terms of the warranty.

Products made or provided by other manufacturers and used in conjunction with the FPI Appliance without prior authorization from FPI may void this warranty.

Limitations of Liability:

The original purchaser's exclusive remedy under this warranty, and FPI's sole obligation under this Limited Lifetime Warranty, express or implied, in contract or in tort, shall be limited to replacement, repair, or refund, as outlined above. IN NO EVENT WILL FPI BE LIABLE UNDER THIS WARRANTY FOR ANY INCIDENTAL OR CONSEQUENTIAL COMMERCIAL DAMAGES OR DAMAGES TO PROPERTY. TO THE EXTENT PERMITTED BY APPLICABLE LAW, FPI MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY SPECIFIED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO DURATION OF THE EXPRESSED WARRANTY SPECIFIED ABOVE. IF IMPLIED WARRANTIES CANNOT BE DISCLAIMED, THEN SUCH WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some US states do not allow limitations on how long an implied warranty lasts, or allow exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

Customers located outside the US should consult their local, provincial or national legal codes for additional terms, which may apply to this warranty.

How to Obtain Warranty Service:
Customers should contact the authorized selling dealer to obtain warranty service. In the event the authorized selling dealer is unable to provide warranty service, please contact FPI by mail at the address listed below. Please include a brief description of the problem and your address, email and telephone contact information. A representative will contact you to make arrangements for an inspection and/or warranty service.

Canadian Warrantor:
FPI Fireplace Products International Ltd.
6988 Venture St.
Delta, British Columbia
Canada, V4G 1H4

U.S. Warrantor:
Fireplace Products US, Inc.
PO Box 2189 PMB 125
Blaine, WA
United States, 98231

Or contact the Regency Customer Care Centre at 1-800-442-7432 (phone) / 604-946-4349 (fax) / customerservice@regency-fire.com (e-mail)

Product Registration and Customer Support:
Thank you for choosing a Regency Fireplace. Regency strives to be a world leader in the design, manufacture, and marketing of hearth products. To provide the best support for your product, we request that you complete a product registration form at http://www.regency-fire.com/Customer-Care/Warranty-Registration.aspx within **ninety (90)** days of purchase.