



REMOTE MANUAL PILOT IGNITION

54NL BASE MOUNTED FIREBOWL OWNERS MANUAL

DO NOT DISCARD THIS MANUAL

- Important operating and maintenance instructions included.
- Read, understand and follow these instructions for safe installation and operation.
- Leave this manual with party responsible for use and operation.



WARNING: DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS & LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.
AN LP CYLINDER NOT CONNECTED FOR USE SHALL NOT BE STORED IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE



WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.



DANGER: IF YOU SMELL GAS:

- SHUT OFF GAS TO THE APPLIANCE.
- EXTINGUISH ANY OPEN FLAME.
- IF ODOR CONTINUES, KEEP AWAY FROM THE APPLIANCE AND IMMEDIATELY CALL YOUR GAS SUPPLIER OR FIRE DEPARTMENT.



DANGER: CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odor.

Using it in a enclosed space can kill you.

Never use this appliance in an enclosed space such as a camper, tent, or home.

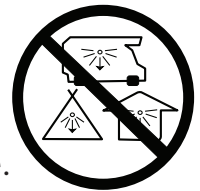




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REMOTE MANUAL PILOT IGNITION

TECHNICAL QUICK VIEW

FOR OUTDOOR USE ONLY

Model: 54NL Base Mounted Firebowl

OUTDOOR FIREFEATURE

Type of Gas: Natural Gas (NG) or Liquid Propane (LP)

ORIFICE SIZES:

NG Maximum BTU = 300,000 w. #K DMS orifice @ 7" W.C. Inlet - 6" W.C. Manifold

LP Maximum BTU = 300,000 w. #4 DMS orifice @ 11" W.C. Inlet - 10" W.C. Manifold

INSTALLATION BY CERTIFIED GAS TECHNICIAN ONLY

MINIMUM CLEARANCE TO COMBUSTIBLES: Top: 12ft (144") - Sides: 2ft (24")
INSTALLATION ON (OR OVER) NON-COMBUSTIBLE FLOORS ONLY.

TO LIGHT APPLIANCE:

• OPERATE AT ARMS LENGTH • DO NOT LEAN OVER APPLIANCE • USE SAFETY GOGGLES & EXTENDED TORCH •

1. MAKE SURE GAS VALVE & FLAME HEIGHT VALVE ARE IN THE **OFF** POSITION.
2. TURN GAS VALVE COUNTERCLOCKWISE TO THE **ON** POSITION.
3. TURN FLAME HEIGHT VALVE COUNTERCLOCKWISE TO **LOW** POSITION.
4. LOCATE PILOT ASSEMBLY ON MAIN BURNER.
5. PUSH RED BUTTON FOR PILOT & HOLD.
6. IMMEDIATELY IGNITE PILOT WITH EXTENDED TORCH - CONTINUE TO HOLD RED PILOT BUTTON DOWN FOR AT LEAST 30 SECONDS UNTIL PILOT STAYS LIT.
7. RELEASE PILOT BUTTON & REMOVE EXTENDED TORCH FROM PILOT ASSEMBLY MAKE SURE PILOT STAYS LIT.
8. SLOWLY TURN FLAME HEIGHT VALVE COUNTERCLOCKWISE TO **HIGH** POSITION .
9. ADJUST FLAME HEIGHT TO PREFERENCE.

IF BURNER DOES NOT LIGHT OR YOU SMELL OR HEAR GAS, IMMEDIATELY TURN GAS VALVE CONTROL KNOB ON APPLIANCE TO OFF POSITION.

TO PUT OUT APPLIANCE:

1. TURN GAS VALVE CLOCKWISE TO **OFF** POSITION.
2. WAIT FOR GAS TO BURN OUT OF LINE.
3. TURN FLAME HEIGHT VALVE CLOCKWISE TO **OFF** POSITION.

ALWAYS SHUT DOWN GAS VALVE FIRST, FLAME HEIGHT VALVE SECOND.

TO RE-LIGHT BURNER, WAIT 5 MINUTES AFTER A COMPLETE SHUT-OFF.



FIREFEATURES

DECORATIVE GAS APPLIANCE PURCHASE AGREEMENT

Purchase agreement dated _____, 2022 between Colombo Construction Corp (the “Company”) with a principal office located at 252 W 30TH ST SUITE 6A NEW YORK, NY 10001 and _____ (the “Buyer”), located at _____ for (job/project title): _____.

1. Purchase: (a) Buyer agrees to purchase the Decorative Gas Appliance (the “Appliance”) described in the Quote and Specifications (the “Quotation and Specifications”) annexed hereto as Schedule A. Unless Buyer accepts the prices quoted by the Company within 30 days by delivery to the Company of a signed original of this Agreement accompanied by either payment in full or 50% of the purchase price, the prices quoted will expire. The purchase of the Appliance shall be subject to the terms and conditions set forth in this Purchase Agreement and the Quotation and Specifications, which shall be deemed, incorporated in this Purchase Agreement.

(b) The Appliance is being purchased FOB Ex Works. Title and beneficial ownership shall pass to Buyer when the Appliance is shipped. Freight, insurance, and all other shipping expenses shall be added to the price of the Appliance charged to Buyer unless otherwise specified in the Quotation and Specifications. Buyer acknowledges and agrees that any modifications of any nature of the Appliance or any components not specified in the Quotation and Specifications shall be made at the Company’s option and, if made, at an additional charge as provided in paragraph 2 of this Agreement.

(c) Buyer warrants, represents and agrees that it has carefully reviewed the specifications and features of the Appliance and the components thereof and that the Appliance and its components are suitable for their intended purpose, location, installation and operation. Buyer agrees to indemnify and hold the Company harmless from and against any claim, loss, damage or expense (including reasonable attorneys fees) resulting or arising from a breach of Buyer’s warranty.

2. Prices: The prices specified are not subject to change unless otherwise agreed to in writing. The Company shall not be obligated to make any modification of the Appliances or provide installation, site preparation, maintenance, training or any additional services unless agreed to in writing by the Company and Buyer. Any additional services or modifications including, without limitation, installation or modifications to facilitate installation shall be subject to additional charges at the Company’s rates then in effect unless otherwise agreed in writing. Prices include ordinary packing only unless otherwise specified.

3. Terms of Payment: Unless otherwise specified, terms of payment shall be fifty (50%) due upon execution of this Purchase Agreement and the remaining balance shall be due upon notice being sent by the Company to Buyer at the above address that the Appliance is ready for shipment.

4. Delivery: Delivery of the Appliance will be to Buyer’s address set forth above or such other address as may be set forth in the Quotation and Specifications. Title and risk of loss shall pass to Buyer upon delivery to Buyer. The Company shall have the right to choose the means of transportation and to route shipments when specific instructions are not included in the Quotation and Specifications. The Appliance purchased shall be adequately packaged by the Company to prevent damage during shipment. The Company shall have no liability whatsoever, nor shall this Agreement be subject to cancellation for delay in delivery due to act of God or civil or military authority, acts of terrorism, fire, labor disturbance, war, insurrection or riot, failure of or delay in transportation, unusually severe weather, or due to any other cause beyond the Company’s control. In the event of delay for any such cause, the specified delivery date shall be extended for a reasonable length of time.

5. Additional Charges: No allowance shall be made to Buyer for any transportation, labor charges or parts, adjustments or repairs, or any other work, without the Company’s prior written authorization. Payment for modifications requested by Buyer shall be due upon written acceptance by the Company of such modifications. Payment for additional services requested by the Buyer shall be due upon receipt by Buyer of the Company’s notice that the Appliance is ready for shipment unless otherwise specified in the Company’s written acceptance of such request for services.



6. Taxes: Unless otherwise specified, prices do not include federal, state or local sales, use, excise, manufacturing, processing or importation tax, or and any other tax or charge, that is or may be imposed on the articles or services purchased by Buyer. Any such taxes or charges will be added to the invoices as separate items, unless appropriate exemption certificates are furnished to the Company.

7. Warranties: (a) The Company warrants and represents that the Appliance purchased shall conform to the specifications provided herein and be free from defects in materials and workmanship under normal use for a period of 90 days from the date of delivery. The Company will repair or replace, at its option, any defective products. This Warranty is Buyer's exclusive remedy for defective products and is solely for the benefit of the original purchaser. The Company shall also pass through to Buyer all warranties provided by its manufacturers and subcontractors.

(b) The defective product must be shipped back with an RMA (Return Merchandise Authorization) issued by The Company for that specific product which states the nature of the defect or warranty claim. The product to be returned should be packed carefully. The Company is not responsible for damage on returned items. The original purchase information will be required. RMA's are only valid for 30 days from the date of issue by The Company and will not be processed if received after the expiration date. The RMA number must be indicated on the outside of the return package and a copy of the RMA in the package with product.

Installation and servicing is to be performed by qualified professionals. The Company is not responsible for local codes and / or if any of our products are not approved for installation. Buyer should confirm with it's local building department or governing agencies for proper approvals before purchasing it's products. The Company is not responsible for the actions including negligence of the installer.

This warranty does not cover damage caused by over heating, flooding, improper use, operation, installation, maintenance, accident, solvents, modifications, problems caused by other equipment or any other external causes.

THE COMPANY WILL NOT BE LIABLE FOR ANY DAMAGE, LOSS OR INJURY OF ANY NATURE INCLUDING LOST PROFITS OR CONSEQUENTIAL DAMAGES EVEN IF SUCH DAMAGES ARE FORESEEABLE. EXCEPT AS EXPRESSLY PROVIDED IN THIS WARRANTY, THE COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL THE COMPANY BE LIABLE FOR ANY LOSS OR DAMAGE IN EXCESS OF THE AMOUNT PAID BY BUYER FOR THE PRODUCT.

This warranty gives Buyer specific rights. Buyer may also have additional rights under the laws of the State in which it resides.

8. Buyer's use of the Appliance. (a) Buyer acknowledges the Appliance was manufactured and assembled in accordance with the American National Standard Institute (ANSI) Z21.97-2017 and CSA Standard 2.41-2017 for Outdoor Fireplaces. It uses natural gas, and in the absence of local codes and ordinances is governed by the standard for storage and handling of liquefied petroleum gas, ANSI/NFPA 58 and the Natural Gas Installation code CAN/CGA B149.2 This standard instructs on the safe storage and handling of compressed gases.

When an appliance is for connection to a fixed piping system, the installation must conform with local codes, or in the absence of local codes, with the National Fuel Gas Code, ANSI z223.1/NFPA 54, International Fuel Gas Code, Natural Gas and Propane Installation Code, CSA B149.1, or Propane Storage and Handling Code, CSA C22.1, if applicable.

Model: Firebowl only
ANSI Z21.97-2017/CSA 2.41-2017
Type of Gas: Natural Gas (NG), Liquid Propane (LP)
Report # 0388GM001S

ORIFICE SIZES:

45" Models:

PROPANE GAS Maximum BTU = 150,000 w. #26 DMS orifice @ 11" W.C. Inlet - 10" W.C. Manifold

NATURAL GAS Maximum BTU = 150,000 w. #6 DMS orifice @ 7" W.C. Inlet - 6" W.C. Manifold

54" & 68" Models:

PROPANE GAS Maximum BTU = 300,000 w. #4 DMS orifice @ 11" W.C. Inlet - 10" W.C. Manifold

NATURAL GAS BTU = 300,000 w. #K DMS orifice @ 7" W.C. Inlet - 6" W.C. Manifold



INSTALLATION & SERVICE BY CERTIFIED GAS TECHNICIAN ONLY
PROPANE GAS MAXIMUM SUPPLY PRESSURE: 2PSI
MINIMUM CLEARANCE TO COMBUSTIBLES: Top: 12ft (144") - Sides: 2ft (24")
INSTALLATION ON (OR OVER) NON-COMBUSTIBLE FLOORS ONLY - **UNLESS A HEAT SHIELD IS INCLUDED.**

(b) Buyer acknowledges and agrees that at the time of delivery the Appliance will be owned by Buyer; that the Company is not responsible for the installation of the Appliance or for training of Buyer's personnel in the use, care, maintenance, operation and service of the Appliance, applications of the Appliance, decisions as to the location and environment selected for the use or storage of the Appliance, and decisions altering which persons are exposed or have access to the Appliance including, without limitation, their respective age, physical condition, mental capacity and degree of skills.

(c) The company may in its sole discretion provide on-site installation services of the decorative portion only of the Appliance. Any arrangements for such on-site, custom installation of the decorative portion of the Appliance must be made between the Buyer and the Company in writing at the time of the quotation. In addition to the requirements of paragraph 14 of this Purchase Agreement, Buyer shall, prior to the commencement of installation, obtain at its expense such liability insurance, and other insurance as the Company or Buyer may determine is reasonably necessary to insure against injury to persons and property by reason of such on-site installations. The policy shall be in the name of the Company, and the Buyer and the construction company shall be designated a coinsured on such additional insurance policies. Such policies shall also provide that the parties shall be given 30 days prior notice of the their cancellation or termination.

(d) Buyer understands and acknowledges that Appliance has been designated for exterior use only, that it must be used solely for that purpose for which the appliance has been designated and that the installation and use of Appliance in locations for which it has not been designed to operate may cause equipment failures, deterioration and malfunctions of the Appliance as well as hazardous conditions to persons and property. Buyer acknowledges that they have been advised that they must familiarize themselves with the proper use, installation, operation and maintenance of the Appliance, and the precautions, which must be taken, and that the Appliance may be subject to local fire codes and ordinances, and that THE APPLIANCE IS NOT UL RATED.

(e) The Buyer acknowledges and agrees that it understands that the Appliance uses combustible gas and extreme caution must be used at all times; that the Appliance must be installed in a location in which proper precautions has been taken to prevent the possibility of fire and for which adequate ventilation has been provided. Buyer shall comply with all state and federal laws, orders and regulations applicable to the installation, operation, maintenance and use of the Appliance, including without limitation all applicable building codes, ordinance and regulations and local fire safety codes, ordinances and regulations. Buyer shall be responsible to familiarizing itself with and obtaining certification that the Appliance is in compliance with ANSI AGA and CSA Standards for Decorative Gas Appliances and, in the absence of local codes and ordinance, the ANSI/NFPA and Natural Gas Installation Codes.

9. Partial Shipments: The Company may make and invoice partial shipments of components of the Appliance or defer manufacture or delivery of the Appliance only if, when and to the extent agreed to in writing by Buyer.

10. Cancellation: Orders are not subject to cancellation, complete or partial, without the Company's consent. Any reduction in quantities ordered shall constitute a partial cancellation subject to this clause. In the event of cancellation, settlement will be made on the following basis. Buyer will pay to the Company following delivery, the full purchase price of all products completed at the time of cancellation. Buyer will pay to the Company a percentage of the purchase price of all other products not completed or delivered equivalent to the percentage of completion thereof as determined by the Company, but not less than fifty (50%) percent of the purchase price. Buyer will also pay the full-amortized costs of materials, dies, tools, patterns, and fixtures, made or contracted specifically for Buyer's order. Upon full payment to the Company, title to all components of any partially completed Appliance shall pass to Buyer. Invoices for all cancellation charges are payable on presentation.

11. Defaults: (a) If the Buyer fails to perform any agreement under this Purchase Agreement or any other Purchase Agreement between Buyer and the Company, or if Buyer shall be bankrupt or insolvent or shall make an assignment for the benefit of creditors or if there shall be instituted by or against Buyer any proceeding under any bankruptcy, reorganization, arrangement, readjustment of debt or insolvency law of any jurisdiction or for the appointment of a receiver or trustee in respect of any of Buyer's property, then, the Company may, at any time upon



written notice to Buyer, in addition to any other rights the Company may have, terminate all of its obligations under this Agreement.

(b) If Buyer defaults in its obligations and the Company retains counsel to enforce its rights under this Purchase Agreement, Buyer shall pay to Company its costs and expenses including its reasonable attorney's fees. Buyer agrees that any dispute arising in connection with this Agreement shall be subject to the jurisdiction of the Federal and State courts located in New York County, the State of New York. Buyer consents to the jurisdiction of such courts and waives any defense based on lack of jurisdiction or forum inconveniens.

12. **Ownership of Designs.** Buyer acknowledges and agrees that the Appliance is a sculpture and work of art designed by the Company and enhanced with the use of mechanical and electric components manufactured by third parties; and that the designs, concepts, artwork and enhancements of the Appliance provided by the Company are the unique and exclusive property of the Company. Nothing contained shall grant Buyer any license or right of any nature, whether express or implied, to copy, reproduce, photograph or otherwise create any reproduction or likeness of the Appliance using any method or medium (including digital or electronic formats).

13. **Indemnification:** Buyer acknowledges that the Appliance is capable of causing severe and significant damages, to individuals and property, if the safety procedures and instructions are not followed exactly as stated in the Quotation and Specifications, and the literature and materials provided with the Appliance or fails to comply with its obligations pursuant to this Purchase Agreement. Buyer hereby agrees to indemnify the Company, and its successors, predecessors and subsidiaries, assigns, heirs, officers, agents, servants, attorneys, employees, former employees, former officers, directors, former directors, insurers and re-insurers to defend and to hold it harmless, of and from all actions, causes of action, suits, controversies, claims, damages, and demands of every kind and nature both in law and in equity, mature or to mature in the future, for and by reason of any matter, thing or claims arising out of or in any way related to the use of the Appliance that results in personal injury, property damage, economic loss of any kind, pain and suffering, loss of services, or any other claims made by anyone, including the Buyer, and any other third party claiming injury or damage resulting from the Appliance, when such injuries or damages are the result of or caused by the improper installation, maintenance or operation of the Appliance or the failure by Buyer, or any other person or entity, to use the proper care and techniques.

14. **Insurance.** Buyer shall provide such liability insurance, and other insurance as the Company may determine is reasonably necessary to insure against injury to persons and property by reason of the installation, use, maintenance, or operation of the Appliance. Buyer shall obtain a Waiver of Subrogation of Claims against the Company from its insurer.

SCHEDULE A:

GENERAL SPECIFICATIONS:

Prior to installation, the Project Manager, as well as the mechanical, structural and fire safety engineers, must first approve the specifications of this low-pressure decorative gas appliance.

It must be installed on site, pressure and leak checked by a certified gas technician as per national and local, building, gas, fire, and safety codes and ordinances. (Gastite specialists preferred).

Individual low pressure appliance regulators (suggested: Maxitroll or Rego), and 'plain view' emergency gas shut-off valve, are to be supplied and installed by a certified gas technician as per national and local, building, gas, fire, and safety codes and ordinances.

BURNER & BTU SPECIFICATIONS:

The burner for this appliance is assembled and tested by:

Charles A. Hones Inc., P.O. Box 405 - 355 NY State Route 49, Cleveland NY 13042 (315) 623-2124

All gas connections have been assembled and tested by Charles A. Hones Inc., in accordance with the safety requirements of the compressed gas industry and the applicable ANSI, AGA and CSA standards.

The burner is a special, stainless steel, "Yellow Flame" burner, and is rated at a minimum of 150,000 and a maximum of 300,000 BTU's. The burner is supplied with the appropriate 1/4" brass orifice for use with either natural gas (NG) or propane gas (LP), a modified 90-100M stainless steel air mixer, and stainless steel pipe connections.



OPERATING PRESSURES

- Propane gas: Standard operating pressure: 11 inches water column, minimum operating pressure: 10 inches water column, maximum operating pressure: 12 inches water column.
- Natural gas: Standard operating pressure: 6 inches water column, minimum operating pressure: 5 inches water column, maximum operating pressure: 7 inches water column.

MANUAL PILOT IGNITION SYSTEM SPECIFICATIONS:

Includes: Mounted, instructional control panel with 3/4" gas ball valve with plastic handle for flame height adjustment, H15DA-3C Baso safety pilot set with red push button lighting, J990MDA-2 Honeywell pilot burner, K16BA-72 Thermocouple, 90M stainless steel Venturi Air Mixer, and stainless steel 1/4" union connection to main gas feed.

ELECTRONIC IGNITION SYSTEM SPECIFICATIONS:

Please note electronic ignition systems are not certified by OMNI Test Laboratories.

Includes: • Electronic LOW VOLTAGE Ignition System Includes: AWEIS All-Weather HOT SURFACE Pilot Ignitor w. thermocouple for flame detection; NEMA 4X Enclosure if requested; 24 volt AC transformer; Solenoid valves and controller module.

If requested, The Company will supply drawings of a site specific decorative design, burner dimensions and specifications, and list of ignition system components which must be approved by the property owner, project manager, construction supervisor, mechanical, structural and safety engineers prior to installation, and in accordance with national, local and safety codes and ordinances.

The exterior installation, use, and maintenance of electronic ignition systems must be made in accordance with the manufacturer's instructions, warranties, specifications and recommendations. Failure to do so may result in the failure of the ignition system to function properly, voiding the manufacturer's warranty and the creation of hazardous conditions.

If requested, The Company will supply drawings of a site specific decorative design, burner dimensions and specifications, and list of ignition system components which must be approved by the property owner, project manager, construction supervisor, mechanical, structural and safety engineers prior to installation, and in accordance with national, local and safety codes and ordinances.

The exterior or interior installation, use and maintenance of ignition systems must be made in accordance with the manufacturer's instructions, warranties, specifications and recommendations. Failure to do so may result in the failure of the ignition system to function properly, voiding the manufacturer's warranty and the creation of hazardous conditions.

FOR YOUR SAFETY YOU MUST READ THE FOLLOWING WARNINGS AND INSTRUCTIONS BEFORE PURCHASE OR OPERATION:

This appliance uses combustible gas and extreme caution must be used at all times. Failure to follow instructions, miss-use, carelessness, and inattention can create a dangerous or life threatening situation.

Except where noted, all parts used are unaltered and purchased through industrial compressed gas industry vendors and/or major chain plumbing, hardware and/or home improvement stores, not limited to but including: pilot systems, copper and steel piping, gas valves, gas fittings, ignitors, ignitor plungers, ignitor wires, electrical connectors, mounts, and lag bolts.

THE APPLIANCE IS NOT UL RATED OR AGA/CSA CERTIFIED.

THE PURCHASER ASSUMES ALL RISK IN THE OPERATION OF THIS APPLIANCE.

THE APPLIANCE IS FOR OUTDOOR DECORATIVE USE ONLY, AND IS NOT TO BE USED FOR COOKING OR HEATING.



WARNINGS: Only persons who have read the operating instructions for the appliance, and who can understand and follow them exactly, should operate or service this appliance • Use appliance only in a well ventilated area • Do not use appliance inside house, camper, tent, garage, vehicle or any other enclosed area which does not have proper ventilation • Never operate while sleeping or leave unattended • Do not operate or place appliance on, near, or in the vicinity of any flammable materials, vapors, liquids or accelerants of any kind; including but not limited to: bottled gases, gasoline, kerosene, diesel fuel, oil, aerosol cans, paints, thinners, solvents, sealants, lubricants, chemicals, plastics, petroleum products, electronics, motors, vehicles, fertilizer, gun powder, ammunition, firearms, fireworks, fabrics, paper products, wood, dry vegetation etc. • Do not operate appliance during an electrical storm • Check appliance for corrosion, debris or damage before each use • Do not use a damaged appliance • Do not alter this appliance in any way • Appliance and propane cylinder must be permanently secured to a stable and level surface • Fuel line must be hard piped to appliance in accordance with local codes and ordinances by a certified gas technician • A minimum 100lb. propane cylinder only must be used with this appliance • Propane cylinder must be placed at least 10 ft. from appliance • Do not try to light the burner by hand • Before operating, smell all around the appliance for gas. Do not operate if you smell gas • Use only your hand to turn the gas valve control knob on the appliance. Never use tools. If the knob will not turn by hand, do not try to force or repair it yourself. Call a qualified service technician • Forced or attempted repair may result in a fire or explosion • 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. • Severe burns may occur • Keep children and animals away from appliance • Do not touch appliance or gas controls when in operation • Do not lean on or into appliance • Do not play on or around appliance • Do not sit on or step into appliance • Do not put hands, feet or any body part on appliance, in or near flame • Do not throw foreign objects or any liquids into appliance • Do not operate this appliance under the influence of alcohol or drugs.

• LAVA ROCKS ARE FOR PURCHASE SEPARATELY & NOT INCLUDED WITH YOUR ORDER •

Please note: Most rocks contain water, and when heated will crack, split or burst. Please consult your local landscape supply for recommendations on which rocks are best for fires before purchasing your rocks.

Supervision is essential. The appliance does not come with a screen, cage, fence, or any device that will inhibit people or animals from falling in. Protection of the public using the appliance is the responsibility of the purchaser and must be taken extremely seriously.

The purchaser further agrees to take the necessary precautions to prevent children and other unqualified persons from being able to ignite or breath in closed quarters the propane or natural gas required to operate the appliance, as well as to post or secure the appliance from unknowing persons contacting the appliance while it is in operation, or hot, either during or after use. It is recommended that the purchaser post some form of communication to the public warning of the danger and hot temperature of the appliance and/or to obstruct access to and/or prevent contact with the product during the high temperatures of the product.

Signature: _____ Date: _____

Please print name: _____ Title: _____

Company: _____

Job/Project Title: _____



WARNING: IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

- **IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE.**

- **INSTALLATION & GAS CONNECTION MUST BE DONE BY A CERTIFIED GAS TECHNICIAN, QUALIFIED INSTALLER, SERVICE AGENCY OR GAS SUPPLIER. FOR ASSISTANCE OR ADDITIONAL INFORMATION CONSULT A QUALIFIED INSTALLER, SERVICE AGENCY, OR THE GAS SUPPLIER.**

- **THIS APPLIANCE IS A DECORATIVE GAS APPLIANCE FOR OUTDOOR USE ONLY AND MUST NOT BE USED FOR COOKING.**

COLOMBO CONSTRUCTION CORP disclaims any responsibility for, and the warranty will be voided by, the following actions:

- Installation & use of any damaged components.
- Modification of the burner & valve assembly.
- Installation other than as instructed by this Owner's Manual.
- Installation and/or use of any component part not approved by Colombo Construction Corp.

ANY SUCH ACTION MAY CAUSE A FIRE HAZARD.

The installation of this appliance must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1.

Solid fuels are not to be burned in this gas appliance.

The appliance should be inspected before each use for debris, damage, or corrosion, and at least annually by a qualified service person.

- **INSPECT THE APPLIANCE & COMPONENTS.**
- **DO NOT INSTALL DAMAGED COMPONENTS.**
- **DO NOT INSTALL INCOMPLETE COMPONENTS.**
- **REPORT DAMAGED PARTS TO DEALER.**

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.

More frequent cleaning may be required as necessary. It is imperative that control compartment, burners and circulating air passageways of the appliance be kept clean to provide for adequate combustion and ventilation air.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases.

The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of ½ psi.

The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than ½ psi.

Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition. Young children should be carefully supervised when they are in the area of the appliance.

Clothing or other flammable materials should not be hung from the appliance, or placed on or near the appliance.

Any guard or other protective device removed for servicing the appliance must be replaced prior to operating the appliance.

Use outside only in well ventilated area. Do not use inside house, camper, tent, garage, vehicle or any type of un-vented or enclosed area.

Do not operate or place appliance on, near, or in the vicinity of any flammable materials, vapors, liquids or accelerants of any kind; including but not limited to: bottled gases, gasoline, kerosene, diesel fuel, oil, aerosol cans, paints, thinners, solvents, sealants, lubricants, chemicals, plastics, petroleum products, electronics, motors, vehicles, fertilizer, gun powder, ammunition, firearms, fireworks, fabrics, paper products, wood, dry vegetation etc.

Do not operate appliance during an electrical storm.

Appliance must be permanently secured on a stable and level surface.

Never operate while sleeping or unattended.



Before operating, smell all around the appliance for gas. Do not operate if you smell gas.

WHAT TO DO IF YOU SMELL GAS OR SUSPECT A LEAK:

IMMEDIATELY SHUT OFF GAS TO THE APPLIANCE AND VENTILATE AREA. DO NOT STRIKE A MATCH, SMOKE OR CREATE ANY FLAME OR ELECTRIC SPARK. FIND AND CORRECT ANY LEAKS. USE A SOAP SOLUTION TO DETECT ESCAPING GAS. DO NOT TOUCH ANY ELECTRICAL SWITCH. DO NOT USE ANY PHONE IN YOUR BUILDING. IMMEDIATELY CALL YOUR GAS SUPPLIER. FOLLOW THE GAS SUPPLIER'S INSTRUCTIONS. IF YOU CANNOT REACH YOUR GAS SUPPLIER, CALL THE FIRE DEPARTMENT.

- Use only your hand to turn the gas valve control knob on the appliance. Never use tools. If the knob will not turn by hand, do not try to force or repair it yourself. Call a qualified service technician.
- Forced or attempted repair may result in a fire or explosion.
- Do not touch appliance or gas controls when in operation.
- Do not lean on or into appliance.
- Do not play on or around appliance.
- Do not sit on or step into appliance.
- Do not put hands, feet or any body part on appliance, in or near flame.
- Do not throw foreign objects or any liquids into appliance.
- Do not operate this appliance under the influence of alcohol or drugs.

This appliance does not come supplied with rocks. Lava rocks are recommended. Some rocks contain water and when heated will crack, split or burst. Please consult your local landscape supply for recommendations on which rocks are best for fires.

- Those connections which could be disturbed when installing, including, but not limited to the valve train, must be leak tested by a certified gas technician prior to use.

LEAK TESTING PROCEDURE

- Perform a leak test at least once each year whether the gas supply has been disconnected or not.
- Conduct a leak test anytime the gas supply is connected to the regulator or any part of the gas system is disconnected or replaced.
- As a safety precaution, remember to always leak test your Fire Feature outdoors in a well-ventilated area.
- Never smoke or permit sources of ignition in the area while doing a leak test.
- Do not use a flame, such as a lighted match to test for leaks. Use only a leak testing solution as specified below.

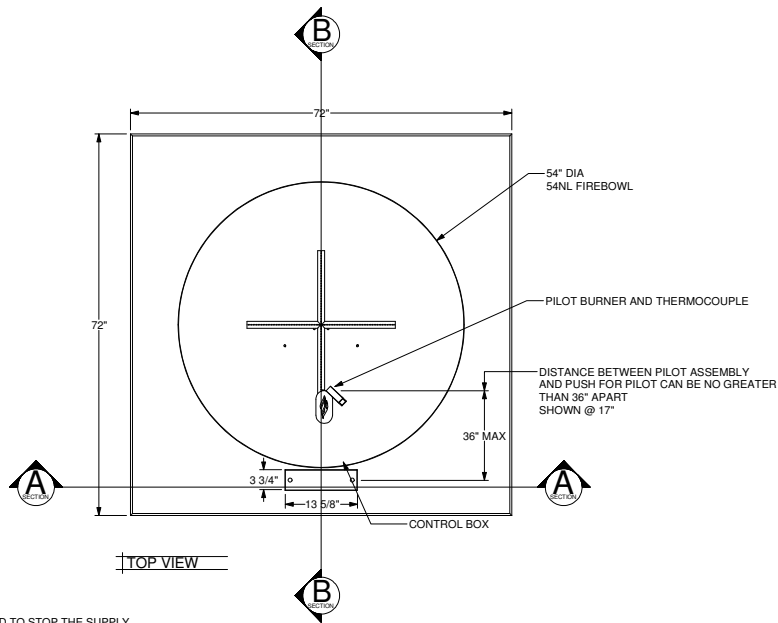
Leak Testing Procedure:

1. Prepare a leak testing solution of sudsy water by mixing in a spray bottle half-liquid soap and half water.
2. Check and make sure all the control knobs are in the OFF position.
3. Turn gas supply valve counter clockwise one turn to open.
4. Apply leak-testing solution by spraying on joints of the gas delivery system.
5. Blowing bubbles in the soap solution indicates that a leak is present.
6. Stop a leak by tightening the loose joint or by replacing the faulty part with a replacement part recommended by the manufacturer. Do not attempt to repair the gas supply valve if it should become damaged. The gas supply valve must be replaced.
7. If you are unable to stop a leak, close the valve at the gas supply. Call an authorized gas appliance service technician or LP gas dealer. Do not use the appliance until the leak is corrected.
8. Push in and turn any control knob to release pressure in the hose and manifold.
9. Turn off all gas valves and control knobs.

FIRE FEATURE



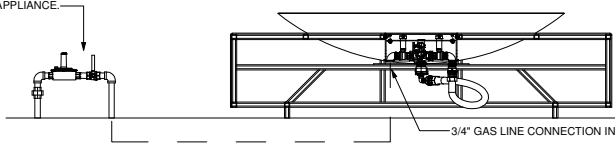
3 VIEW 54NL



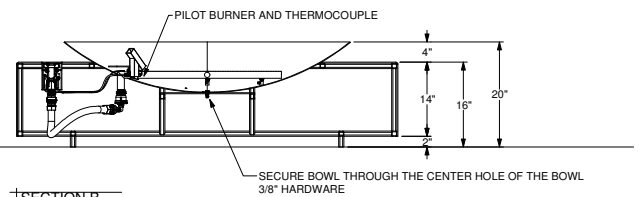
TOP VIEW

PLAIN VIEW / SAFETY SHUT OFF VALVE - THIS VALVE IS USED TO STOP THE SUPPLY OF GAS TO THE APPLIANCE IN THE EVENT OF AN EMERGENCY. THIS VALVE MUST BE INSTALLED WITHIN 10'- 15' (FEET) OF THE APPLIANCE. IT MUST BE CLEARLY LABELED AND NOT HIDDEN.

EACH APPLIANCE IS SUPPLIED WITH A GAS REGULATOR AND IT SHOULD BE INSTALLED WITHIN 10'- 15' (FEET) OF THE APPLIANCE.



SECTION A



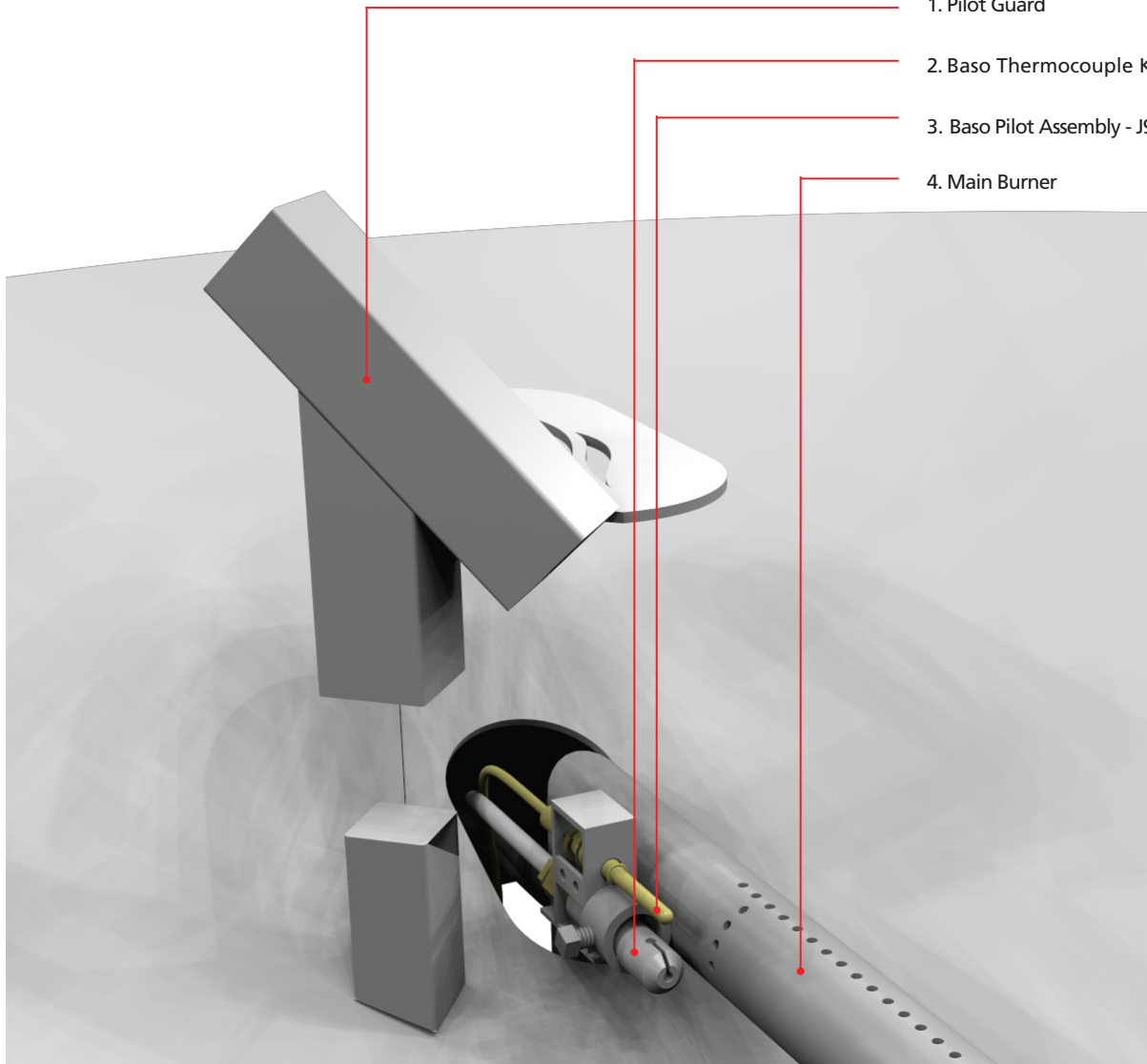
SECTION B

BURNER AND PILOT ASSEMBLY

PART COMPONENTS

LEGEND

- 1. Pilot Guard
- 2. Baso Thermocouple K16RM-180H
- 3. Baso Pilot Assembly - J992MDA-2
- 4. Main Burner



VENTURI/ ORIFICE

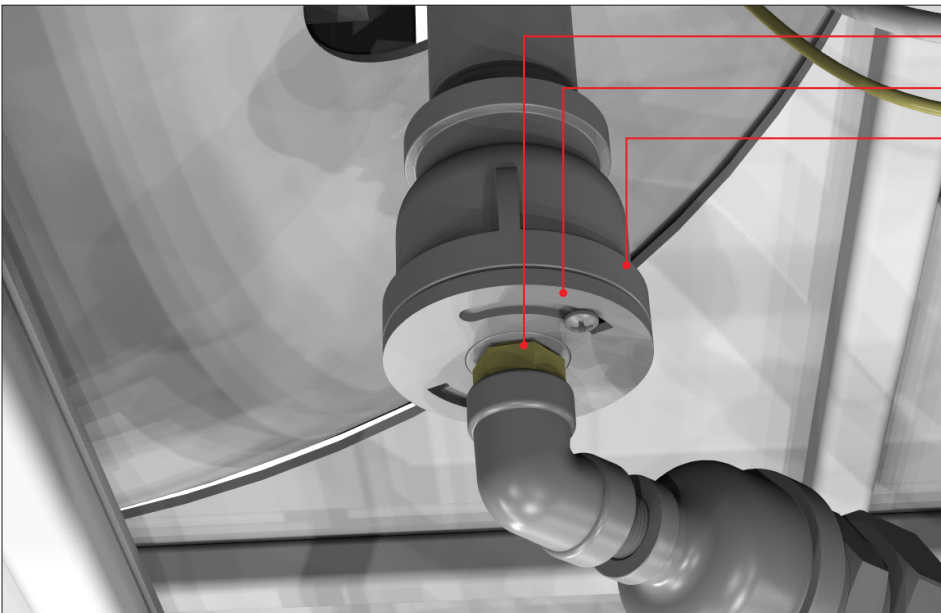


OXYGEN INTAKE ADJUSTMENT

The Venturi is located under the base of the firefeature. The Venturi positioning keeps the flame looking yellow and natural.

The more oxygen you let in, the smaller and bluer the flame. If the oxygen is shut off completely, the flame will contain more soot and unburned contaminants.

You may adjust the Venturi according to visual preference.



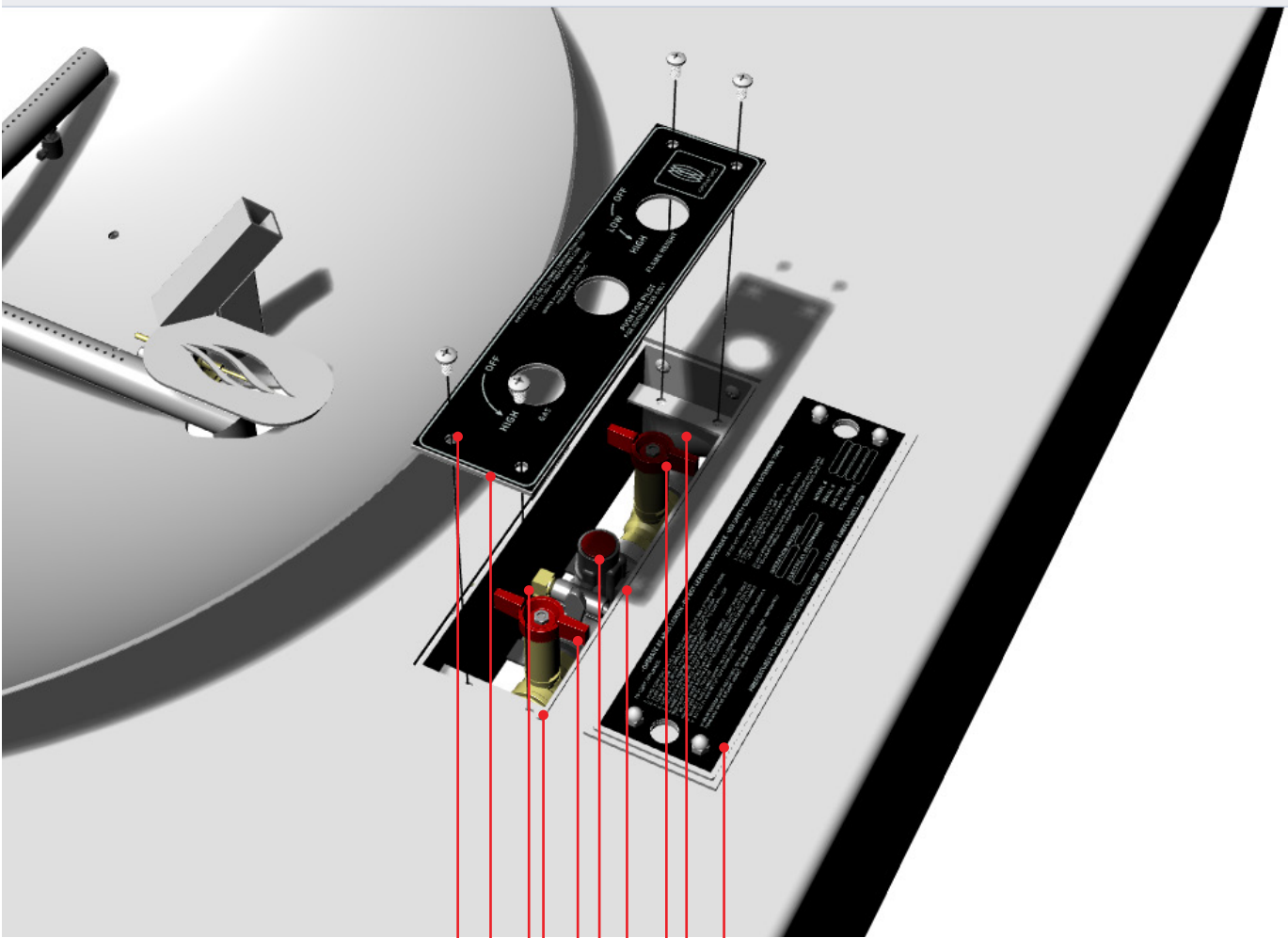
LEGEND

- 1 Brass Orifice
- 2 Venturi Adjustable Air Shutter
- 3 90M Stainless Steel Venturi Air Mixer

COMPONENTS

All replacement parts may be ordered by calling Colombo Construction Corp. 718.399.2233 or 212.334.5069 or by emailing info@firefeatures.com

BURNER COMPONENT PARTS



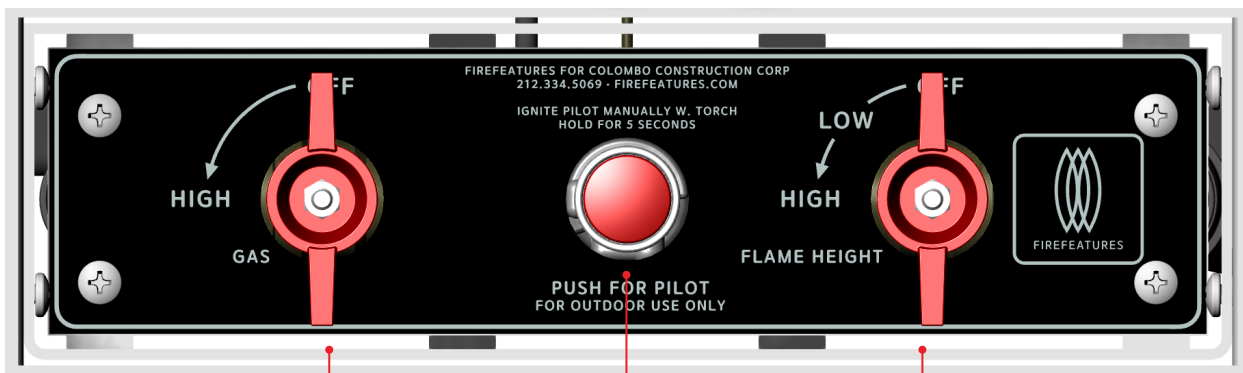
LEGEND

- 1. Lid / Lighting Instructions
- 2. Gas Line To Burner
- 3. Flame Height Control Valve
- 4. Thermocouple Line
- 5. Press for Pilot Button
- 6. On/Off Gas Valve
- 7. Gas Line In
- 8. Pilot Gas Line
- 9. Control Panel Back Plate
- 10. Control Panel

CONTROL PANEL

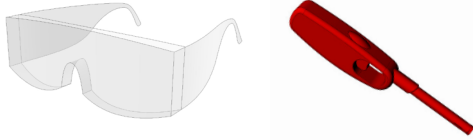
IN THE OFF POSITION

Off Position

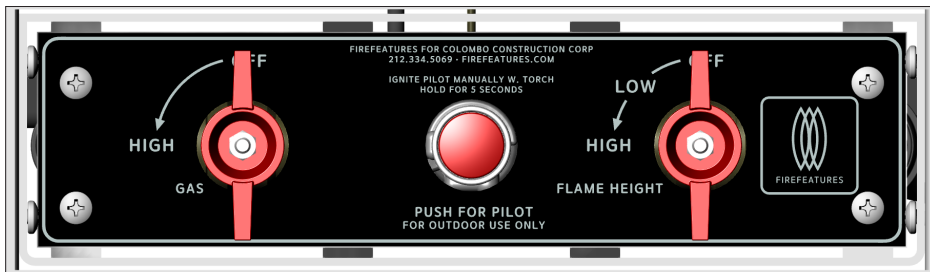


LEGEND

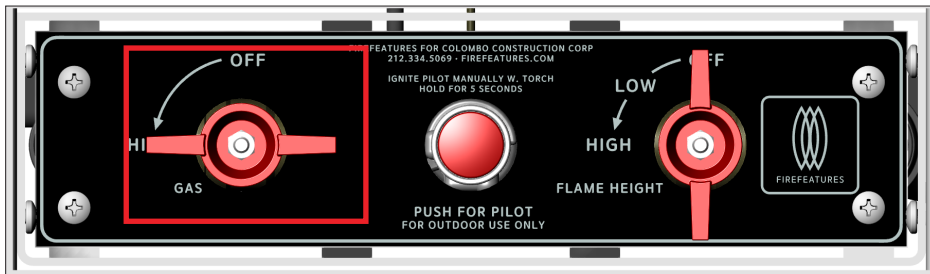
- 1 3/4" Ball Valve (Flame adjustment)
- 2 Pilot Button - H15DA-3C Baso Safety Valve
- 3 3/4" Gas Ball Valve (On/Off)



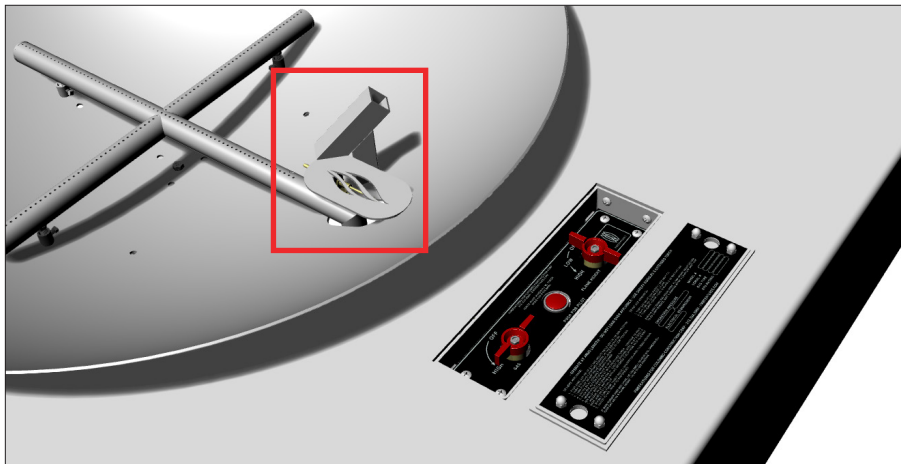
A.



B.



C.



TO LIGHT PILOT

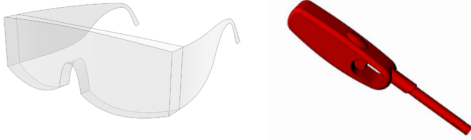
- Operate at arms length.
- Do not lean over the appliance.
- Use safety-goggles and a extended torch.

A. Make sure gas valve and flame height valve are in the OFF position.

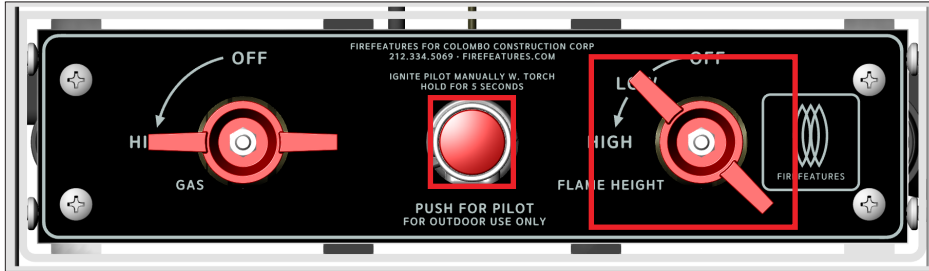
B. Turn gas valve counterclockwise to the ON position.

C. Locate pilot assembly on main burner.

IGNITION CONTINUES ON THE NEXT PAGE



D.

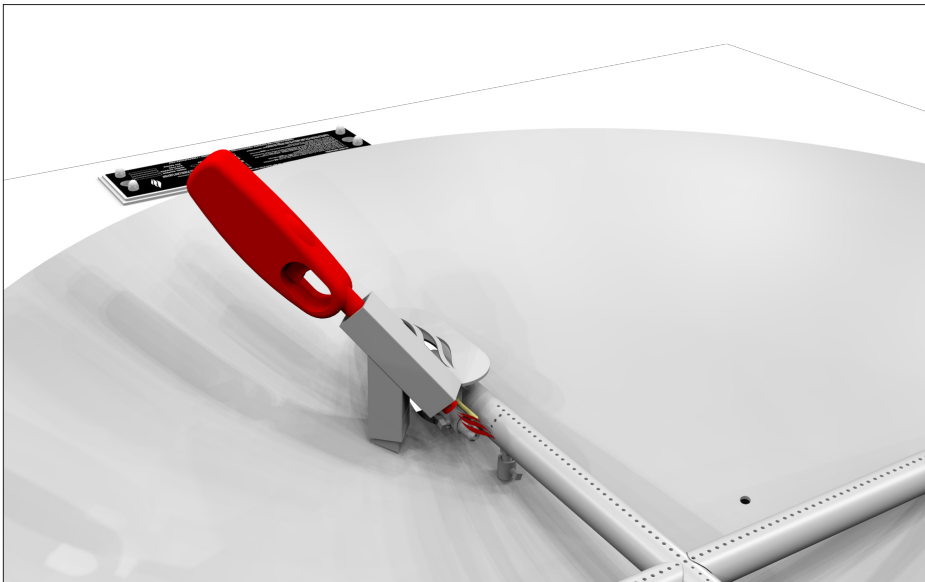


TO LIGHT PILOT

- Operate at arms length.
- Do not lean over the appliance.
- Use safety-goggles and a extended torch.

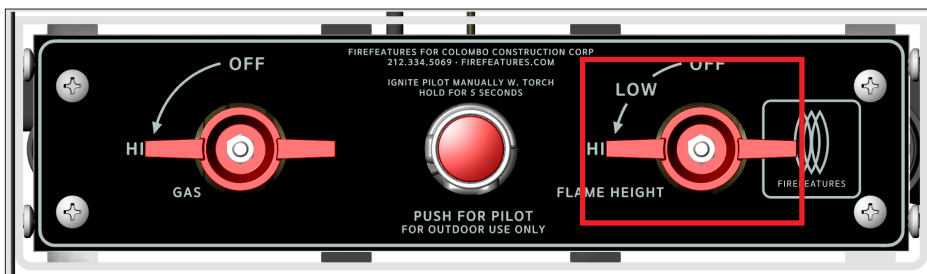
D. Turn flame height valve counterclockwise to LOW position.

E.



E. Immediately ignite pilot with extended torch- continue to hold red pilot button down for at least 30 seconds until pilot stays lit.

F.

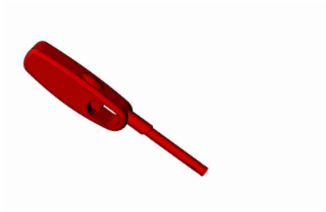


F. Release pilot button & remove extended torch from pilot assembly and make sure pilot stays lit.

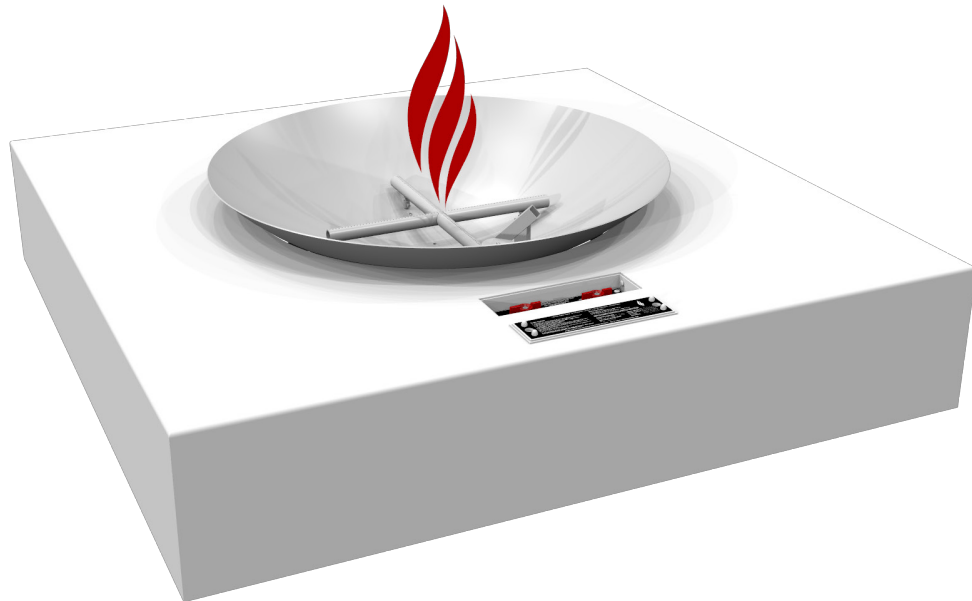
Slowly turn flame height valve counterclockwise to HIGH position.

Adjust flame height to preference.

IGNITION CONTINUES ON THE NEXT PAGE



SUCCESSFUL IGNITION



If main burner does not light, or you smell or hear gas, immediately turn gas valve & flame height valve to off position. **Wait 5 minutes and repeat steps B to F.**

A.



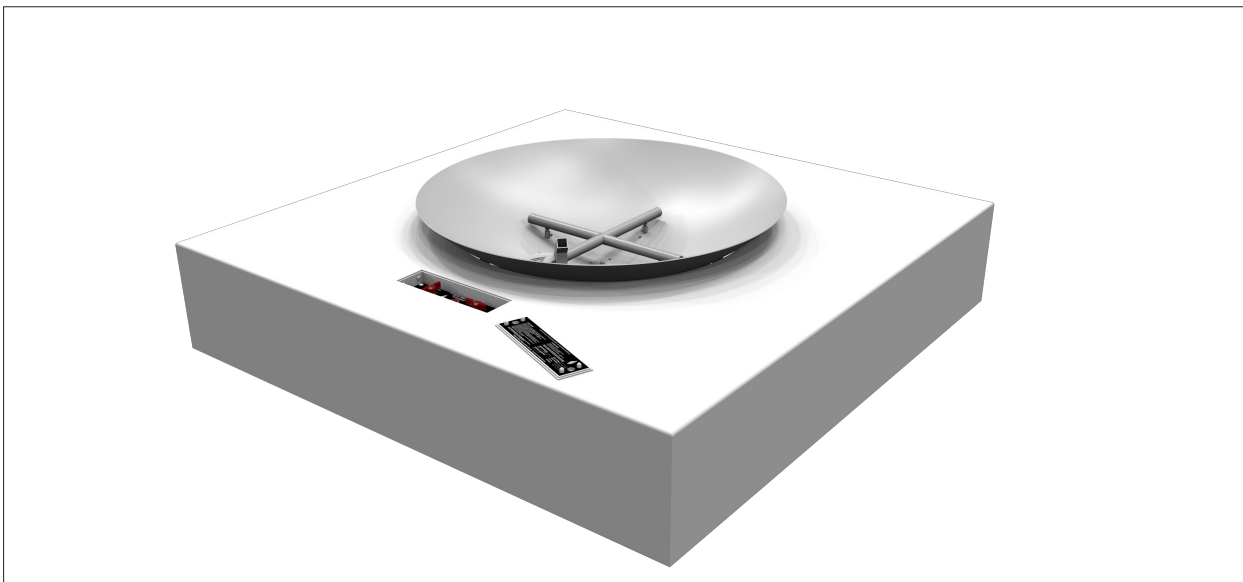
TO PUT BURNER OUT

A. Turn gas valve clockwise to OFF position.

Wait for gas to burn out of line.

B.

B. Wait for burner to fully extinguish.



C.



C. Turn flame height valve clockwise to OFF position.

Always shut down gas valve first, flame height valve second.

To re-light burner, wait 5 minutes after a complete shut-off.

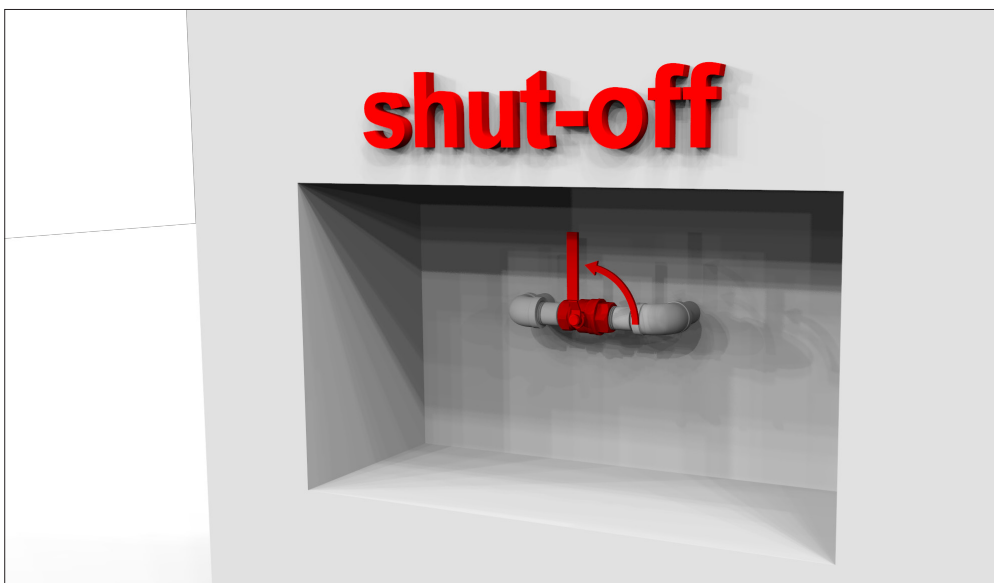
EMERGENCY/ SHUT-OFF



PLAIN VIEW SHUT-OFF

TO PUT BURNER OUT

In the event of a uncontrolled fire, always be aware of where the emergency shut-off valve is located.



OFF POSITION

LAVA ROCK ONLY

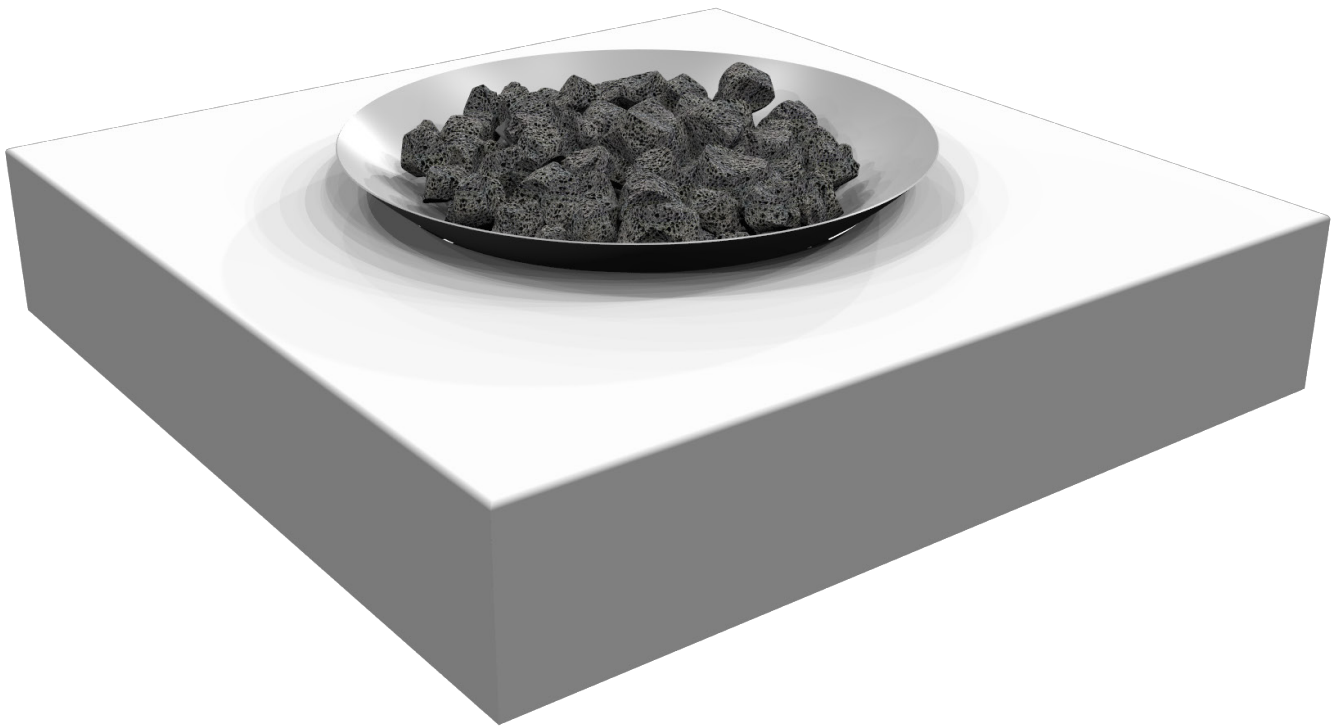
Lava rocks are the recommended rock for use in the firebowl. Lava rock is best suited because it was made by heat and therefore does not react when used in a high heat environment; it is also light weight and readily available.

Lava rocks come in all sizes, from pebbles to boulders. 4" to 10" is the best size to use with your firebowl. You will need approximately 100 to 200lbs for the firebowls.

Please contact the following website to order lava rocks if you are unable to find any at your local garden supply store:

<http://www.fountainsnslate.com/>
1-800-643-5804 or 1-386-586-4062

WARNING: Other rocks may contain water, and when heated will split, crack or burst and are therefore to be used at your own risk and not recommended.





MAINTENANCE

Properly maintained, your decorative gas appliance will provide years of useful service. A regular routine maintenance program such as the program outlined below should be established and followed. It is further recommended to follow the maintenance procedures on safety valves and other accessory equipment according to the manufacturers instructions. It is recommended to have at least one annual inspection performed by a certified gas technician.

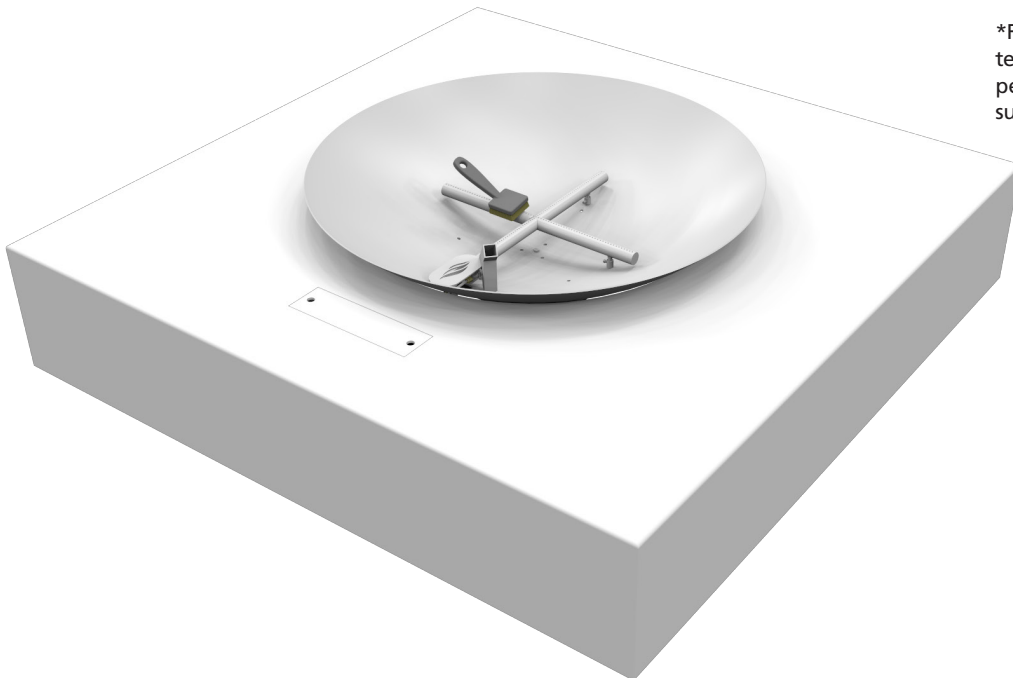
Routine Preventive Maintenance:

- A. Have the appliance serviced and leak checked annually by a qualified service technician.
- B. Keep the area inside and around the appliance and base free of debris, foreign matter, or obstruction. Regularly remove all broken rock chips, leaves, branches, grass, etc from fire feature on a daily or weekly basis.
- C. Clean any corrosion or scale off burner, control panel, and venturi with a wire brush. Make sure that venturi remains set in position. See page 12.

- D. Visually inspect the burner regularly both while firing and while turned off. Replace any corroded parts.
- E. Visually inspect pilot while main burner is on and while main burner is off. Replace any corroded parts. Be certain that pilot position is correct and that pilot reliably and accurately ignites main burner.
- F. Use a tooth pick or thin wire to poke out any clog or obstruction from the small holes in the burner, only when the burner is off.
- G. Check to be certain that the area the gas equipment operates in is free of obstruction. Remember, that for proper combustion, proper operation, and proper ventilation, flow of air around your gas equipment must be unobstructed. Never store combustible materials or flammable liquids near any gas equipment.
- H. When burners are not in use for a long time, or are used only seasonally, care should be taken to wire brush scale off burners and inside venturi. An air compressor can be used to blow out cobwebs or nests which may clog orifices.

*If any unusual behavior of the gas equipment is noted during inspection, shut the burner off until qualified service assistance can be obtained.

*For your safety, all repairs on the burner system should be performed by qualified service personnel only as it involves disconnecting gas supply and performing leak testing.



All parts may be ordered by calling Colombo Construction Corporation 212.334.5069 or emailing elena@firefeatures.com

