WARMING TRENDS®

OUTDOOR FIREPLACE COLLECTION OWNER'S GUIDE AND INSTRUCTION MANUAL



ATTENTION

Due to product upgrades, our installation instructions for gas line connections have changed. Please be sure to read this manual in its entirety before installing.

SCAN TO VISIT
WARMING-TRENDS.COM

SCAN TO SEE AN
UPDATED ICC-ES LIST

Version 4

IMPORTANT PRODUCT WARNINGS / AVERTISSEMENTS IMPORTANTS CONCERNANT LES PRODUITS

DANGER
FIRE OR EXPLOSION HAZARD
If you smell gas:
Shut off gas to the appliance.
Extinguish any open flame.

If odor continues, leave the area immediately. After leaving the area, call your gas supplier or fire department.

Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.

DANGER
RISQUE D'INCENDIE OU D'EXPLOSION
S'il y a une odeur de gaz :
Coupez l'admission de gaz de l'arrareil.
Éteindre toute flamme nue.

Si l'odeur persiste, éloignez-vous de l'appareil et appelez immédiatement le fournisseur de gaz ou le service d'incendie.

Si ces précautions ne sont pas respectées, cela pourrait provoquer un incendie ou une explosion, pouvant causer des dommages matériels, des blessures ou la mort.

WARNING
Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliances.

An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

AVERTISSEMENT
Ne pas entreposer ni utiliser de l'essence ni d'autres vapeurs ou liquides inflammables dans le voisinage de l'appareil, ni de tout autre appareil.

Une bouteille de propane qui n'est pas raccordée en vue de son utilisation, ne doit pas être entreposée dans le voisinage de cet appareil ou de tout autre appareil.

WARNING: For Outdoor Use Only.
Installation and service must be performed by a qualified installer, service agency, or the gas supplier.

AVERTISSEMENT: Pour utilisation à l'extérieur seulement.
L'installation et l'entretien doivent être effectués par un installateur qualifié, une agence de service ou le fournisseur de gaz.

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.

AVERTISSEMENT: Si les informations de ce manuel ne sont pas suivies à la lettre, un incendie ou une explosion peut en résulter et causer des dommages matériels, des blessures corporelles ou la mort.



DANGER!

CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odor.

Using it in an enclosed space can kill you.

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



DANGER!

MONOXYDE DE CARBONE

Cette appareil peut produire du monoxyde de carbone, un gaz inodore.
L'utilisation de cet appareil dans des espaces clos peut entrainer la mort.

Ne jamais utiliser cet appareil dans un espace clos comme un véhicule de camping, une tente, une automobile, ou une maison.

Do not use this appliance if it has been submerged, even partially, in water. Call a qualified technician to inspect the unit and replace any part of the control system and any control which has been under water.

Ne pas utiliser cet appareil s'il a été plongé, même partiellement, dans l'eau. Appeler un technicien qualifié pour inspecter l'appareil et remplacer toute partie du système de commande et toute commande qui a été plongée dans l'eau.

INSTALLER: Leave this user guide with the appliance.
CONSUMER: Retain this manual for future reference.

INSTALLATEUR: Laissez ce manuel ave l'appliance
CONSOMMATEUR: Conserves ce manuel pour référence ultérieure.

TABLE OF CONTENTS

IMPORTANT PRODUCT WARNINGS 2
CERTIFIED BURNER SYSTEM UNITS 3
GENERAL INFORMATION 4
Code Requirements 5
Minimum and Maximum Gas Inlet Pressures 5
Location Considerations 6
Optional Ignition Upgrade Installation 6
OUTDOOR FIREPLACE KITS 7
Outdoor Fireplace Placement Diagrams 10
GENERAL INSTALLATION INSTRUCTIONS 11
Liquid Propane Guidelines 12
Escutcheon Plate Installation Instructions 13
Mercury Ignition System: Installation Instructions 14
Media Installation 22
OPERATING AND LIGHTING INSTRUCTIONS 23
Outdoor Fireplace with the PBIK Ignition System 24
Outdoor Fireplace with the Mercury Ignition System 25
Outdoor Fireplace with the Platinum Ignition System 26
MAINTENANCE AND TROUBLESHOOTING 27
Troubleshooting - PBIK Ignition 28
Troubleshooting - Mercury and Platinum Ignition Systems 28
Troubleshooting - Platinum Ignition System 29
CERAMIC LOG ASSEMBLY INSTRUCTIONS 29
WARRANTY 35
RETURN POLICY 37
CALIFORNIA RESIDENT PROP 65 WARNING 37
CONTACT US 37

CERTIFIED BURNER SYSTEM UNITS

ICC ES c PMG ICC ES ICC ES LISTED

ICC-ES Report PMG-1213

Compliance with the following codes:

1. 2021, 2018, 2015, 2012, and 2009 *International Fire Code®* (IFC)
2. 2021, 2018, 2015, 2012, and 2009 *International Fuel Gas Code®* (IFGC)
3. 2024, 2021, 2018, 2015, 2012, and 2009 *Uniform Mechanical Code®* (UMC)*
4. 2020, 2015, and 2010 *Natural Gas and Propane Installation Code***

**Uniform Plumbing Code is a copyrighted publication of the International Association of Plumbing and Mechanical Officials*

***Copyrighted publication of Canadian Standard Association*

Compliance with the following standards:

1. ANSI Z21.97/CSA 2.41-2017 Outdoor Decorative Gas Appliances

Product: Outdoor Decorative Gas Fire Feature and Fireplaces

PBIK

Model # CFBT110 NG/LP with PBIK
Model # CFBT170 NG/LP with PBIK
Model # CFBT230 NG/LP with PBIK
Model # CFBT290 NG/LP with PBIK
Model # CFBH120 NG/LP with PBIK
Model # CFBH160 NG/LP with PBIK
Model # CFBH240 NG/LP with PBIK

MERCURY IGNITION SYSTEM™

Model # CFBT110 NG/LP with Mercury
Model # CFBT170 NG/LP with Mercury
Model # CFBT230 NG/LP with Mercury
Model # CFBT290 NG/LP with Mercury
Model # CFBH120 NG/LP with Mercury
Model # CFBH160 NG/LP with Mercury
Model # CFBH240 NG/LP with Mercury

PLATINUM IGNITION SYSTEM™

Model # CFBT110 NG/LP with Platinum
Model # CFBT170 NG/LP with Platinum
Model # CFBT230 NG/LP with Platinum
Model # CFBT290 NG/LP with Platinum
Model # CFBH120 NG/LP with Platinum
Model # CFBH160 NG/LP with Platinum
Model # CFBH240 NG/LP with Platinum

CERTIFIED UNITS

SCAN FOR UPDATED CERTIFICATIONS

PATENTS

SCAN FOR UPDATED PATENTS

GENERAL INFORMATION

This Owner's Guide and Instruction Manual contains critical information for the safe assembly and operation of your Outdoor Fireplace Insert Kit. **You must read this manual in its entirety prior to assembly and/or operation. Failure to follow these instructions may result in property damage, personal injury, or death.** Instructions are updated as needed, and it is the owners' responsibility to periodically review Warming Trend's website for applicable updates (Warming-Trends.com) Please keep this manual with your important papers.

WARNING: THE OUTDOOR FIREPLACE INSERT KIT WILL BECOME EXTREMELY HOT WHEN IN USE.

HOT! DO NOT TOUCH.

SEVERE BURNS MAY RESULT.

CLOTHING IGNITION MAY RESULT.

- **Keep the unit out of reach of children.**
- **Clothing or other flammable materials should not be hung from the appliance or placed on or near the appliance.**
- **Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.**
- **Never leave the unit unattended while in use.**

WARNING:
Product is not intended to be used to burn wood or other combustibles. Solid fuels shall not be burned in the appliance. Do not place any objects inside the burner component or add wood or other materials to the fire. Do not put any combustible materials into the fire table.

WARNING:
Only use the fuel specific to your burner unit (i.e. Liquid Propane or Natural Gas, as applicable). Do not use LP for NG burners, or vice versa.
Do not use an alternative fuel.

WARNING:

CARBON MONOXIDE HAZARD

- This burner is a combustion appliance, and all such appliances generate Carbon Monoxide (CO) during the combustion process. It is important to ensure that there is adequate airflow into and out of the appliance.
- Carbon Monoxide (CO) poisoning can cause flu-like symptoms, such as headaches, dizziness, fatigue, nausea, watery eyes, and can even lead to death. Carbon Monoxide gas is both odorless and invisible, making it a potentially lethal threat. If any of these symptoms occur during the operation of this appliance, move to a well-ventilated area immediately.
- **FOR OUTDOOR USE ONLY! Never use this appliance indoors, in a house, camper, tent, vehicle, or any other enclosed space. This appliance consumes oxygen from the air, and using it in an unventilated or enclosed area can put you and others at risk of asphyxiation.**

WARNING:

DO NOT USE IN THE PRESENCE OF COMBUSTIBLE MATERIALS.

Do not leave the appliance unattended while it's in use, and operate it in a safe area away from anything that could ignite in the presence of combustible materials, such as paper, cardboard, gasoline, or other flammable liquids or powders.

CODE REQUIREMENTS

We require our products be installed by a professional that is locally licensed by the authority having jurisdiction in gas piping. It is the responsibility of the installer to consult with the local municipality and to **FOLLOW ALL LOCAL CODES** and Fireplace Manufacturer recommendations and specifications concerning the installation and operation of the Outdoor Fireplace Insert Kits.

When the 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·NFPA54; National Fuel Gas and Propane Installation Code, CSA B149.1; or Propane Storage and Handling Code, CSAB149.2, as applicable.

The appliance when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70; or the Canadian Electrical Code, CSA C22.1, if applicable.

MINIMUM AND MAXIMUM GAS INLET PRESSURES

The licensed gas professional installer is responsible for using the correct fuel lines and/or regulation to provide gas to the Outdoor Fireplace Insert Kit within the specified minimum and maximum gas inlet pressures below:

PBIK	MINIMUM GAS INLET PRESSURE	MAXIMUM GAS INLET PRESSURE
Natural Gas	3.5" W.C. (.8718 Kpa)	7.0" W.C. (1.7436 Kpa)
Liquid Propane	11.0" W.C. (2.7399 Kpa)	13.0" W.C. (3.2381 Kpa)
MERCURY IGNITION SYSTEM™	**MINIMUM GAS INLET PRESSURE**	**MAXIMUM GAS INLET PRESSURE**
Natural Gas	3.5" W.C. (.8718 Kpa)	10.0" W.C. (2.4908 Kpa)
Liquid Propane	11.0" W.C. (2.7399 Kpa)	13.0" W.C. (3.2381 Kpa)
PLATINUM IGNITION SYSTEM™	**MINIMUM GAS INLET PRESSURE**	**MAXIMUM GAS INLET PRESSURE**
Natural Gas	3.5" W.C. (.8718 Kpa)	14.0" W.C. (3.4872 Kpa)
Liquid Propane	8.0" W.C. (1.9927 Kpa)	14.0" W.C. (3.4872 Kpa)

Mercury Ignition System™ and Platinum Ignition System™ are trademarks owned by and used with permission from Catalyst Electronics, LLC.

LOCATION CONSIDERATIONS

The Outdoor Fireplace Collection is designed and intended for outdoor use only.

Select a location where the appliance can be attended during operation. Never leave an operating appliance unattended or by someone not familiar with its operation or shutoff procedure.

Pick a location that allows sufficient horizontal room to enjoy the appliance while allowing a safe distance from the heat and flame.

Keep the area around the appliance clear of combustible materials, gasoline, and other flammable substances. Do not burn solid fuels in this appliance.

Choose a location that allows easy access to the fireplace.

Appliances may create very high temperatures - combustibles must be located far enough away that there is no risk of ignition.

OPTIONAL IGNITION UPGRADE INSTALLATION

If you purchased your Outdoor Fireplace Kit with a PBIK Ignition System and would like to upgrade to a Mercury Ignition System™ or a Platinum Ignition System™, please contact Orders@Warming-Trends.com or call 303-346-2224. If you opt to upgrade your ignition, we require a licensed gas professional follow the Installation Instructions linked below.

SCAN FOR **PLATINUM IGNITION SYSTEM** INSTALLATION INSTRUCTIONS

SCAN FOR **MERCURY IGNITION SYSTEM** INSTALLATION INSTRUCTIONS

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OUTDOOR FIREPLACE KITS



104369 / 104370 Kit Shown



INCLUDED IN EACH OUTDOOR FIREPLACE KIT

1. CROSS**FIRE®** Brass Burner strapped to an elevated black powder-coated aluminum plate
2. Steel Grate
3. Push Button Ignition Kit: PBIK Ignition, 3" Key, 12" Key, 65K Reducing Orifice, 90K Reducing Orifice, and Flex Line Kit (Available ignition upgrades: Mercury or Platinum Ignition Systems™)
4. 8" Key Valve Extension

TECH TIP

Some commercially available enclosures are restricted to a maximum of 90K BTUs. If you need to restrict your fireplace kit to 90K BTUs, please utilize the 90K Reducing Orifice. If local or state regulations require a maximum of 65K BTUs, please use the 65K Reducing Orifice.

LP Reducing Orifices have been sized at 11" Water Column. NP Reducing Orifices have been sized at 7" Water Column. If you need to adjust, please scan the following QR Code:

FITS A 24" FIREPLACE OPENING OR LARGER



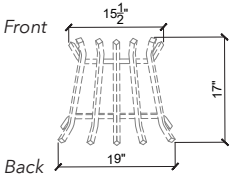
104694 (NG) | 104695 (LP)

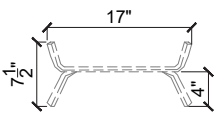
CFBH120 H-Style Brass Burner
15 ½" x 9 ¾" Elevated Powder-Coated Aluminum Plate
19" W x 17" D Steel Fireplace Grate
Push Button Ignition Kit



104696 (NG) | 104697 (LP)

CFBT110 Tree-Style Brass Burner
15 ½" x 9 ¾" Elevated Powder-Coated Aluminum Plate
19" x 17" D Steel Fireplace Grate
Push Button Ignition Kit





FITS A 30" FIREPLACE OPENING OR LARGER



104355 (NG) | 104356 (LP)

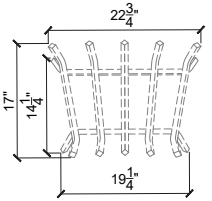
CFBH120 H-Style Brass Burner
15 ½" x 9 ¾" Elevated Powder-Coated Aluminum Plate
22 ¾" W x 17" D Steel Fireplace Grate
Push Button Ignition Kit



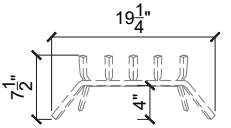
104357 (NG) | 104358 (LP)

CFBT110 Tree-Style Brass Burner
15 ½" x 9 ¾" Elevated Powder-Coated Aluminum Plate
22 ¾" x 17" D Steel Fireplace Grate
Push Button Ignition Kit

Front



Back



FITS A 36" FIREPLACE OPENING OR LARGER



104359 (NG) | 104360 (LP)

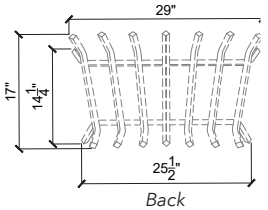
CFBH160 H-Style Brass Burner
21 ½" x 9 ¾" Elevated Powder-Coated Aluminum Plate
29" W x 17" D Steel Fireplace Grate
Push Button Ignition Kit



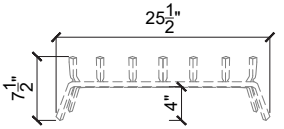
104361 (NG) | 104362 (LP)

CFBT170 Tree-Style Brass Burner
21 ½" x 9 ¾" Raised, Powder-Coated Aluminum Plate
29" W x 17" D Steel Fireplace Grate
Push Button Ignition Kit

Front



Back



FITS A 42" FIREPLACE OPENING OR LARGER





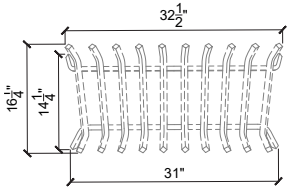
104363 (NG) | 104364 (LP)

CFBH200 H-Style Brass Burner
27" x 10 ½" Elevated Powder-Coated Aluminum Plate
32 ½" W x 17" D Steel Fireplace Grate
Push Button Ignition Kit

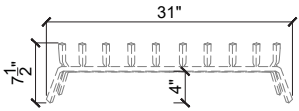
104365 (NG) | 104366 (LP)

CFBT230 Tree-Style Brass Burner
27" x 10 ½" Elevated Powder-Coated Aluminum Plate
32 ½" W x 17" D Steel Fireplace Grate
Push Button Ignition Kit

Front



Back



FITS A 48" FIREPLACE OPENING OR LARGER





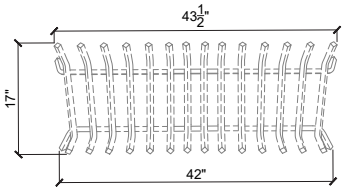
104367 (NG) | 104368 (LP)

CFBH240 H-Style Brass Burner
34 ¾" x10 ½" Elevated Powder-Coated Aluminum Plate
43 ½" W x 17" D Steel Fireplace Grate
Push Button Ignition Kit

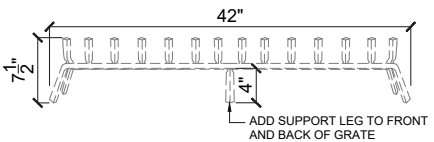
104369 (NG) | 104370 (LP)

CFBT290 Tree-Style Brass Burner
34 ¾" x10 ½" Elevated Powder-Coated Aluminum Plate
43 ½" W x 17" D Steel Fireplace Grate
Push Button Ignition Kit

Front



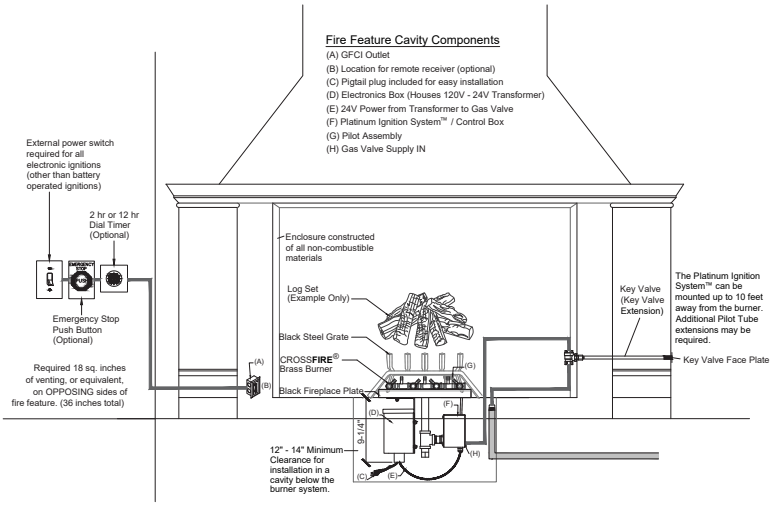
Back



PBIK AND PLATINUM IGNITION SYSTEM

Never use your Outdoor Fireplace Kit on a combustible surface. Refer to Fireplace Manufacturer recommendations and specifications or licensed gas professional for clearance requirements.

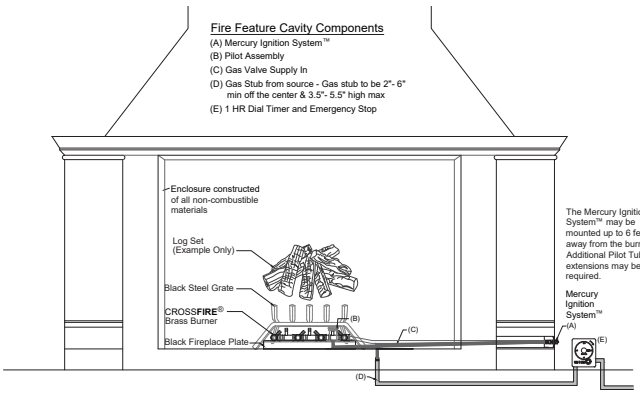
Always consult with local municipality regarding any local code requirements.



MERCURY IGNITION SYSTEM

Never use your Outdoor Fireplace Kit on a combustible surface. Refer to Fireplace Manufacturer recommendations and specifications or licensed gas professional for clearance requirements.

Always consult with local municipality regarding any local code requirements.



IF YOU ARE PLACING AN OUTDOOR FIREPLACE KIT IN A VESSEL, PLEASE SCAN FOR FIRE FEATURE CLEARANCE DIAGRAMS.

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GENERAL INSTALLATION INSTRUCTIONS

NEW CROSSFIRE® 2.0 ADAPTER CONFIGURATION

CROSS**FIRE®** 2.0 Brass Burners may be used with either Natural Gas or Liquid Propane and are shipped with both a Natural Gas Adapter (NGA) (See Photo 1a) for use when the system is to be operated with Natural Gas and a Liquid Propane Adapter (LPA) (See Photo 1b) when the system is to be operated with Liquid Propane. The appropriate adapter for the intended gas type must be installed prior to use in accordance with the following instructions. Notice, each LPA/NGA has a gas flow arrow showing the direction of gas flow (See Photo 1c). We recommend that the extra adapter be saved for future use if the unit is relocated and/or the supplied gas type is changed.



Photo 1a: NGA



Photo 1b: LPA

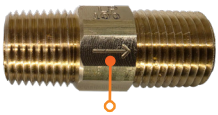


Photo 1c: gas flow arrow

Prior to installation, select the appropriate gas adapter and (1) attach the female end of the gas adapter to the male end of the elbow fitting on your burner system with the gas flow arrow pointing towards the burner system in the direction of gas flow, after applying thread sealant as shown in Picture 2(a), (2) then, attach the exposed threads of the LPA/NGA to the female end of the flared fitting for the flex line after applying thread sealant as shown in Pictures 2(b) and 2(c). Then, proceed with normal installation.

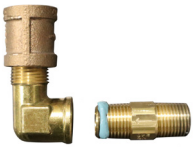


Photo 2a

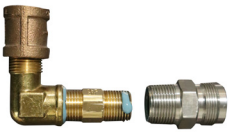


Photo 2b

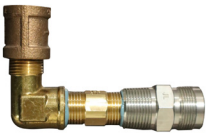


Photo 2c

Use only joint compound, thread sealant, or tape specific to gas use that is resistant to all gases. Apply joint compound, thread sealant or tape to all male pipe fittings only and **DO NOT USE ON FLARED END OF FLARED FITTINGS.** Be sure to tighten every joint securely.

Ignition systems are recommended on any burner over 300K BTUs. If you are lighting manually, be sure to maintain a minimum safe distance to avoid property damage, personal injury, or death. Please refer to match lit instructions.

1. Verify gas supply matches burner type.

2. Verify gas inlet pressure is within the specified minimum and maximum pressures. Consult Gas Inlet Pressures on page 5.

3. Purge gas lines of air, water, and debris.

4. Perform all leak tests with leak detector or leak reactant on main gas supply and repair leaks as necessary. Turn off gas supply.

5. For models that include electronic ignitions, be sure to have a qualified electrician install proper power supply following all local codes.

6. Inspect flex line(s) for punctures or breaks in line(s).

7. Make sure the key turns in the key valve before installing. Use only your hand to turn the gas key valve. Never use tools. If the key valve will not turn by hand, don't try to repair it. Force or attempted repair may cause a fire or explosion.

8. Refer to Placement Diagrams on page 10 for applicable gas connections.

9. Position burner safely with access to all gas connections for testing. Position burner to allow sufficient clearance from the fire feature sides and capstone to avoid damage.

10. Turn on gas supply to perform repeat leak tests on main gas supply and all connections to appliance and repair as needed.

11. Do not use appliance if there is evidence of leaking gas. If leak is suspected, turn off main gas supply immediately.

12. For appliances for use with a fixed fuel piping system and equipped with an appliance gas pressure regulator, 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 pressure in excess of ½ psi (3.5kPa). 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 (3.5 kPa).

GENERAL INSTALLATION INSTRUCTIONS: CONTINUED

13. Ignite burner. See applicable ignition instructions within Operating Instructions starting on page 34. After installation of any jet or end jet or the performance of any other service, the burner must be tested for leaks.

14. Electronic ignitions can either be hard wired into main power supply or plugged into a location-specific outlet/ receptacle per local codes. **The electrical supply must be connected to an ON/OFF switch that is external to the pit.** Remote controls, emergency stops, and dial timers are optional add-ons.

15. Once appliance is lit, perform leak test on all gas connections and repair as needed.

16. Turn off appliance and allow to cool.

17. Set appliance into properly constructed, level, non-combustible enclosure. The enclosure must be on a stable surface. The weight of the appliance must be supported by the plate or pan and not by any control box or gas valve. Blocks, bricks, metal collars, or L-brackets can be used to build a support ledge for the system plate or pan. Control boxes and gas valves must be above grade with adequate drainage to prevent water damage. Installer is responsible for making sure there is enough space in the cavity for any electronics and piping. **The lower cavity of the enclosure cannot be filled with any material (i.e. gravel, crushed rock, concrete, etc).** The fire feature assembly should be recessed 4" to 6" from the top of the enclosure to protect flame from excessive wind and to allow coverage of burner. **See Placement Diagrams on previous pages.**

18. To allow for regular maintenance, any capstone materials should not overhang the interior edge of the fire feature. See **Outdoor Fireplace Placement Diagrams** on page 10 for placement. Warming Trends® is not responsible for any damages to the capstone.

19. Venting is required to avoid heat damage to internal components and to allow airflow in case of gas pooling. Incorporate 1 vent on at least two opposing sides (two [2] vents total) at a minimum size of 18 sq inches each for 36" total (example: 3" x 6"). Installation of the vents in the mid to lower area of the enclosure is recommended. Some enclosures may require more ventilation based on material, size, and extended use. Ready-to-Finish Kits come with Fire Pit Vent Kit (FPVK). Vents do not come pre-installed on Ready-to-Finish. Fire Pit Vent Kits must be installed on site.

20. Only use fire rated media (glass, lava rock, decorative log sets, etc.) approved for use with high temperatures that have been manufactured for specific use in fire features. Never use any material for media that is non-porous and holds moisture such as gravel, pebbles, river rock, etc. Such material, when heated, may cause the trapped moisture to boil, fracture unexpectedly and/or explode and which could cause personal injury, damage, or death.

21. To avoid dust and clogs getting into the system, do not dump the media over the burner. Hand place the media onto the plate or pan. **Burner should be covered by approved media up to but no more than ½" above the jets. Excessive media coverage may cause back pressure and dangerous pooling of gas which can result in explosion which could cause property damage, personal injury, or death.**

22. Do not cover the ignition pilot assembly or wind cage more than halfway with any form of media. Do not place decorative logs within 2" of the pilot assembly as this may cause excessive heat and system failure that is not covered by warranty.

23. Complete final verification of correct operation and lighting.

24. Review Instruction Manual with end user and instruct end user as to requirements herein.

LIQUID PROPANE GUIDELINES

For safe operation of LP appliances, it is important to use LP cylinders that meet the following criteria:

- The cylinders must be constructed and marked in accordance with the LP-Gas Cylinders Standard of ANSI/ NFPA or CAN/CSA which specifies the requirements for cylinders, spheres, and tubes for the transportation of dangerous goods.
- The cylinders must be equipped with a listed overfilling prevention device.
- The cylinder connection device must be compatible with the connector for outdoor appliances.

ESCUTCHEON PLATE INSTALLATION INSTRUCTIONS



1. Insert the Escutcheon Plate into the opening on the Faceplate {**See Figure 1**} making sure that the text is oriented at the top. {**See Figure 2**}



Figure 1: Inserting the Escutcheon Plate into the Faceplate

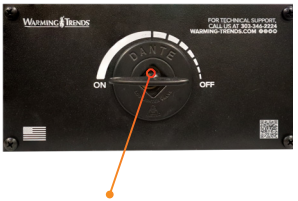


Figure 2: Text at top of Faceplate

2. Attach the nut to the Escutcheon Plate and secure it firmly using a wrench ensuring it remains properly aligned with the front. {**See Figure 3**}



Figure 3: Attaching the nut to the Escutcheon Plate

3. Tighten the Key Valve onto the Escutcheon Plate until it is secured. {**See Figure 4**}



Figure 4: Tightening the Key Valve to the Escutcheon Plate

ESCUTCHEON PLATE INSTALLATION INSTRUCTIONS: CONTINUED



Figure 5: Key Valve Extension

Note: If you need to use the optional Key Valve Extension, please tighten it onto the Escutcheon Plate until it is secured and then securely screw the Key Valve onto the Escutcheon Plate until it is secured. **{See Figure 5}**

MERCURY IGNITION SYSTEM: INSTALLATION INSTRUCTIONS

If the Pilot Assembly for the Mercury Ignition System™ is not installed on the Plate or Pan, start here for complete installation instructions. If the Pilot Assembly has been installed on the plate or pan, skip to Step 3 below for installation instructions.

INSTALLATION OF THE MERCURY IGNITION PILOT ASSEMBLY TO THE PLATE USING PRE-CUT KNOCKOUTS
The Warming Trends plate/pan that was included with your Order should have pre-cut pilot assembly knockouts for various burners. The burner type and size are etched into the plate/pan next to the knockout for that burner's pilot assembly location.

1. LOCATE AND REMOVE THE APPROPRIATE KNOCKOUT

1.1 Confirm the type and size of your burner on the Packing Slip for your Order.

1.2 Locate the Pilot Assembly knockout on the plate/pan that matches your burner type and size. {See Photo 1}.

1.3 Remove the matching knockout by placing a screwdriver or other small tool in the opening at the edge of the knockout. Push one side of the knockout down to break the connector and remove the circular piece of aluminum with pliers. Do not remove any other knockouts. {See Photo 2}.

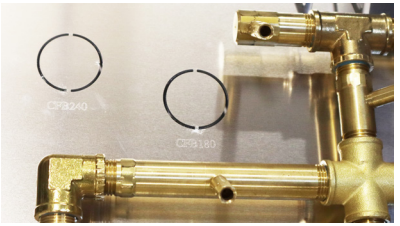


Photo 1: Pilot Assembly Knockouts

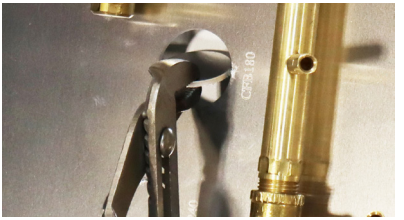


Photo 2: Breaking the Knockouts

2. INSTALLING THE PILOT ASSEMBLY ON THE PLATE/PAN

2.1 Locate the Pilot Assembly. This includes the Pilot Hood, the Electrode, and Thermocouple. {See Photo 3a and 3b}.

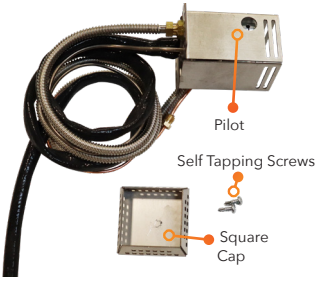


Photo 3a: Full Pilot Assembly

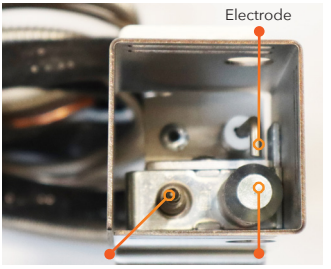


Photo 3b: Top-Down View of Pilot Assembly

2.2 Remove the square cap from the top of the Pilot Assembly and set it aside until the plate/pan is installed onto your fire feature.

2.3 Carefully unroll the wires coming from the bottom of the Pilot. Over handling of the thermocouple wire can cause breakage or malfunction. Feed the wires through the knockout opening created in Step 1.3.

2.4 Rotate the Pilot Assembly in the knockout opening until the circular opening on the Pilot Hood and Thermocouple are adjacent to the nearest jet with the Thermocouple nearest to the jet. Position the Pilot Assembly to cover the entire knockout opening. {See Photo 4a and 4b}.



Photo 4a: Thermocouple Positioning

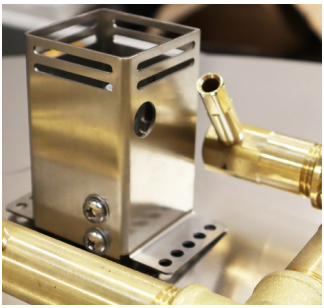


Photo 4b: Pilot Hood Circular Opening Positioning

2.5 Once the Pilot is properly aligned, use the self-tapping screws to secure the Pilot to the plate/pan. {See Photo 5}.



Photo 5: Securing the Pilot to the Plate/Pan

3 INSTALL THE VALVE ASSEMBLY IN THE VESSEL

3.1 Install the Ignition Control/Valve Assembly in the exterior wall of the vessel and secure in place. {See Clearance Diagram on page 11 of this Instruction Manual}.

4. CONNECTING THE FLEX LINE TO THE VALVE ASSEMBLY



FKM1

INSTRUCTIONS:

4.1 Identify the "outlet" on the Valve Assembly. The outlet should have a pre-installed ½" x 2" nipple attached. {See Photo 8a}. Apply joint compound, thread sealant, or plumbing tape to the threads of the exposed end of the ½" x 2" nipple. {See Photo 8b}.

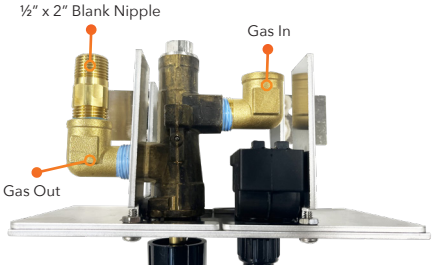


Photo 8a: Valve Assembly

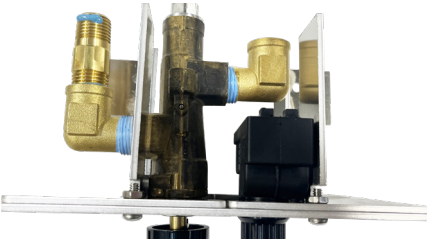


Photo 8b: Applying Joint Compound

4.2 The Flex Line is provided with a male flare hose adapter loosely attached. Remove the flare hose adapter from the end of the Flex Line.
4.3 Thread the female, non-flared end, of the hose adapter on to the exposed end of the ½" x 2" nipple of the valve assembly "outlet". {See Photo 9}. Tighten with a wrench to avoid leaks.

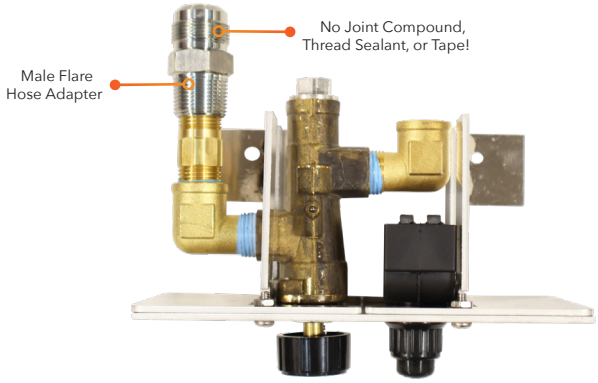


Photo 9: Attaching the Hose Adapter

4.4 DO NOT USE ANY JOINT COMPOUND, THREAD SEALANT, OR PLUMBING TAPE ON THE FLARED END OF FLARED FITTINGS – DOING SO CAN CAUSE LEAKS! Attach the female flared end of the Flex Line to the male flared end of the hose adapters on the Valve Assembly {See Photo 10}.

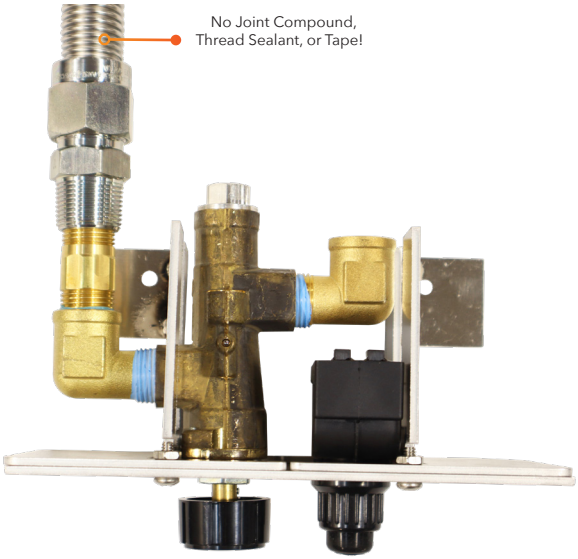


Photo 10: Connecting the Flex Line

5. CONNECT THE 4 PILOT CONNECTIONS TO THE VALVE ASSEMBLY

5.1 The Thermocouple connects to the female threaded bushing of the Valve Assembly. Thread the Thermocouple in place, tighten with a 9mm wrench, and confirm it is firmly seated. {See Photo 13}. Do not use pliers as this can put excess pressure on the connection, which could damage the thermocouple.

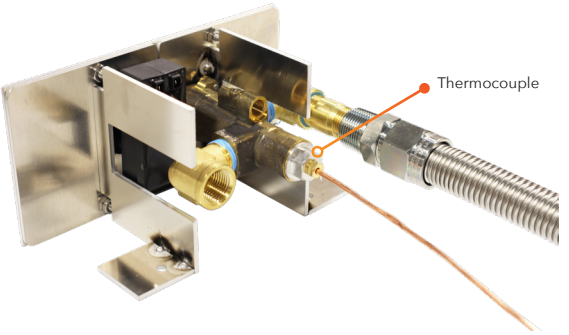


Photo 13: Connecting the Thermocouple

5.2 The pilot tube connects directly above the thermocouple. Thread the pilot tube into the brass fitting integrated into the valve body that is directly above the thermocouple connection. {See Photo 14}. Tighten with a 7/16 in wrench and confirm that the pilot tube is firmly seated to avoid leaks.

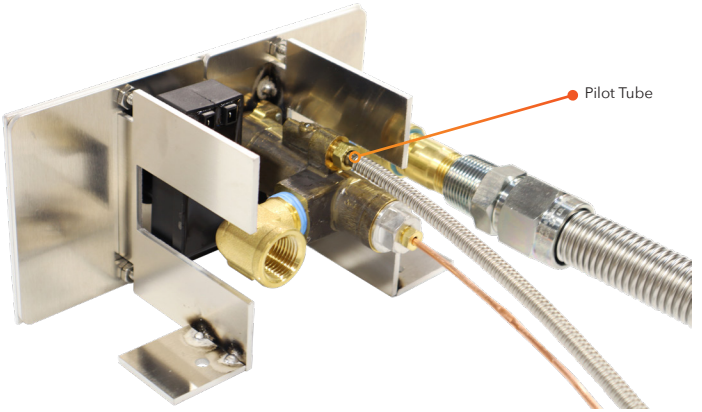


Photo 14: Connecting the Pilot Tube

5.3 Connect the loose ends of the spark generator to the push button module by the two wires within the thermal sleeve – one orange and one green. (The other ends of the wires are pre-installed to the Pilot Assembly). Push each wire firmly into one of the two (2) receptacles on the push button module, which is behind the valve inlet. {See Photo 15}. (Either wire will work in either receptacle). Confirm they are firmly secured.

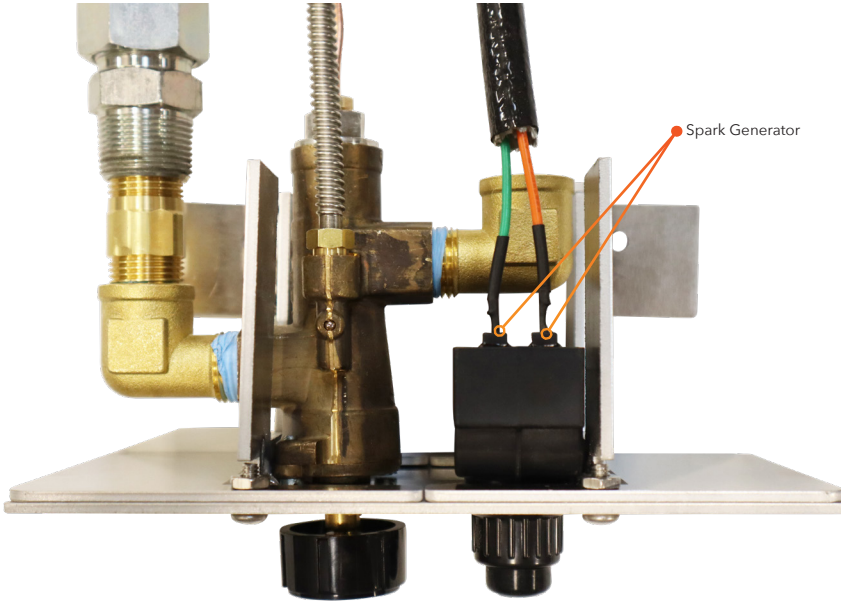


Photo 15: Connecting the Spark Generator to the Push Button Module

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6. CONNECTING THE FLEX LINE TO THE PLATE

NEW CROSSFIRE® 2.0 ADAPTER CONFIGURATION

CROSSFIRE® 2.0 Brass Burners may be used with either Natural Gas or Liquid Propane and are shipped with both a Natural Gas Adapter (NGA) (See Photo 16a) for use when the system is to be operated with Natural Gas and a Liquid Propane Adapter (LPA) (See Photo 16b) when the system is to be operated with Liquid Propane. The appropriate adapter for the intended gas type must be installed prior to use in accordance with the following instructions. Notice, each LPA/NGA has a gas flow arrow showing the direction of gas flow (See Photo 16c). We recommend that the extra adapter be saved for future use if the unit is relocated and/or the supplied gas type is changed.



Photo 16a: NGA



Photo 16b: LPA

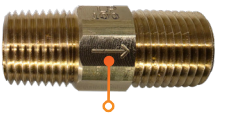


Photo 16c: gas flow arrow

6.1 Identify the coupling under the plate. Apply joint compound, thread sealant, or plumbing tape to the threads of the exposed end of the provided LPA/NGA with the gas flow arrow pointing towards the burner in the direction of gas flow and tighten to the female end of the coupling with a wrench to avoid leaks. {See Photo 16}.

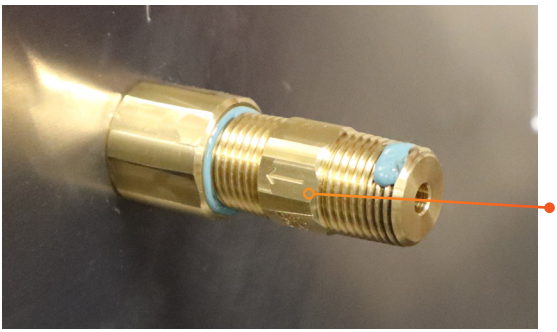


Photo 16: Attaching the LPA/NGA

6.2 A male flare hose adapter is loosely attached flex line. Remove the male flare hose adapter from the end of the flex line.

6.3 Apply joint compound, thread sealant, or plumbing tape to the remaining exposed threads of the LPA/NGA. Thread the non-flared end of the hose adapter on to the LPA/NGA. {See Photo 17}. Tighten with a wrench to avoid leaks.

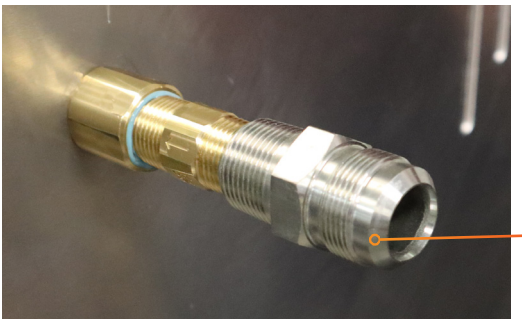


Photo 17: Attaching the Male Flare Hose Adapter

6.4 WITHOUT ANY THREAD SEALANT take the other end of the flex line attached to the valve assembly from Step 4 and attach the female flared end to the male flared end that is attached to the plate from Step 6.3. {See Photo 18}.

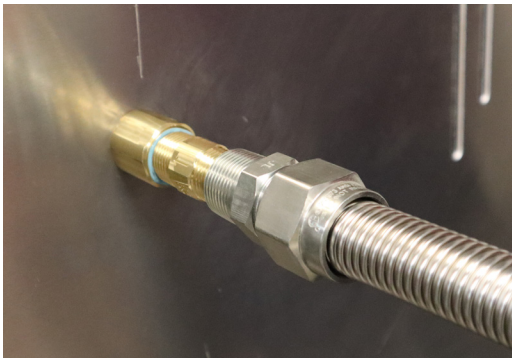


Photo 18: Connecting the Flex Line

7. PLACE THE PLATE/PAN WITH THE ATTACHED PILOT ASSEMBLY INTO THE FIRE FEATURE.

8. PUT THE TOP OF PILOT HOOD BACK IN PLACE.

9. REFER TO THE GENERAL INSTALLATION INSTRUCTIONS FOR ALL UNITS ON PAGE 13 OF THIS INSTRUCTION

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MEDIA INSTALLATION

Only use approved fire rated media (lava rock, fire glass, decorative log sets, etc.) that have been manufactured for specific use in outdoor fire features.

Media must be ½" or larger in size to prevent media from falling into gas orifices and blocking flow of gas out of jets. Use approved media only. **To avoid media dust or debris from getting into the system, do not dump the media over the burner.** Hand place the media onto the plate.

The appliance is designed to use approved fire rated media that is correctly installed over the burner to achieve proper combustion. Use of any media outside of the approved media may void warranty and affect proper operations.

Burner may only be covered by approved fire rated media no more ½" above the jets. PLEASE NOTE - Covering jets by more than ½" of media may create back pressure and gas leakage resulting in pooling of gas under the fire feature which can result in explosion which could cause property damage, personal injury, or death.

Media should be piled no more than halfway up the pilot assembly / wind cage. The pilot gas orifice opening and the pilot cooling holes must be above the media to allow the pilot flame to easily reach the gas jet orifice. Incorrect media installation that blocks the pilot cooling holes will cause the pilot flame to stifle, blocking of thermal sensor and/or a delay in burner ignition. {**See Figure 7**}

Example of proper media height on pilot assembly.

Figure 7: Pilot Cooling Hole



WARNING: DO NOT use solid fuel, such as wood or charcoal, in gas fueled Outdoor Fireplace Insert Kits.

Inspect the burner before each use of the appliance, if there is any evidence that the burner is damaged, it must be replaced before operating, Upon completing the gas line connection, a small amount of air will be in the lines. When first lighting the burner, it will take a few minutes for the lines to purge themselves of this air. Subsequent lighting of the appliance will not require such purging.

You must have clear and easy access to the Ignition valve AFTER the appliance is installed and connected to the gas supply in order to safely turn on the burner. We require our products be installed by a professional that is locally licensed by the authority having jurisdiction in gas piping.

FOR YOUR SAFETY, READ BEFORE LIGHTING

- Before operating the Fireplace, smell around the appliance area for gas odors. Be sure to smell the surrounding floor area as some gases are heavier than air and will settle on the ground.
- Use only your hand to turn the control knob. Never use tools. If the valve will not turn by hand, do not try to repair it. Call a qualified service technician. Force of attempted repair may result in a fire or explosion.

For detailed operating guidelines, lighting instructions, and information for each specific ignition system, please see:

PBIK Ignition System.....34
Mercury Ignition System™.....35
Platinum Ignition System™.....36

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OPERATING and LIGHTING INSTRUCTIONS

OUTDOOR FIREPLACE WITH THE PBIK IGNITION SYSTEM



PBIK Ignition System



Location of Battery in Faceplate

OPERATING GUIDELINES

Keep the area clear and free from combustible materials, gasoline, and any flammable vapors and liquids.

Solid fuels shall not be burned in the Outdoor Fireplace Kit. Leaves, sticks, wood, paper, clothing, food material, etc. should be kept away from the Outdoor Fireplace Kit. Make sure there is no vegetation or other objects over the top or sides of the Out door Fireplace Kit that could interfere with safe operation. If there are any questions as to clearances, please refer to the Fireplace Manufacturer for their specifications and recommendations or licensed gas professional for clearance requirements.

All fire rated media (lava rock, volcanic stone, fire glass, etc.) has the potential of thermal spalling. This process may occur when the media is wet and moisture gets trapped inside of the material due to rapid temperature differences. When this happens, the media has the potential to crack or pop outside of the fireplace. Extra caution should be taken when lighting in high humidity or moisture. After lighting, allow 30 minutes to dry out the media and monitor from a distance until all popping has ceased before fully enjoying the fire.

⚠ **DANGER: Fire or Explosion Hazard. If you smell gas, shut off gas to the appliance, extinguish any open flame. If odor continues, leave the area immediately. After leaving the area, call your gas supplier or fire department. Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.**

Confirm that your main Natural Gas or Liquid Propane supply to the appliance is open. **Do not open your Control Knob at this time.**

Before lighting, visually inspect Outdoor Fireplace Kit for other combustible debris.

LIGHTING INSTRUCTIONS

STOP! READ ALL THE SAFETY INFORMATION.

LIGHTING YOUR PBIK IGNITION SYSTEM

1. Confirm that your Natural Gas or Liquid Propane supply to the appliance is OPEN or ON.
2. Press and hold the **Ignition Button.**
3. Slightly Rotate the **Key Valve** counterclockwise and turn to the ON position until a flame appears.
4. Once the Burner is lit, turn **Key Valve** counterclockwise to achieve desired flame height.
5. If burner does not light, turn **Key Valve** to the OFF position. Wait 3 - 5 minutes before repeating lighting instructions.

TURNING OFF YOUR PBIK IGNITION SYSTEM

1. Turn **Key Valve** to OFF position by turning key clockwise.
2. Verify flame is OUT.
3. If using a LP tank, be sure to turn tank to CLOSED position.

REPLACING THE BATTERY

If your PBIK is not lighting, you may need to replace the battery.

To replace the battery in your PBIK Ignition System:

1. Turn battery cover counterclockwise to remove cover and set aside.
2. Remove the AA battery and replace with a new AA battery.
3. Replace the battery cover and turn clockwise to tighten.

SCAN TO WATCH A TUTORIAL ON HOW TO LIGHT AN OUTDOOR FIREPLACE OR FIRE FEATURE WITH THE PBIK IGNITION SYSTEM.



Mercury Ignition System



Mercury Battery Location

OPERATING GUIDELINES

Keep the area clear and free from combustible materials, gasoline, and any flammable vapors and liquids.

Solid fuels shall not be burned in the Outdoor Fireplace Kits. Leaves, sticks, wood, paper, clothing, food material, etc. should be kept away from the Outdoor Fireplace Kits. Make sure there is no vegetation or other objects over the top or sides of the fire feature that could interfere with safe operation. If there are any questions as to clearances, please refer to the Fireplace Manufacturer for their specifications and recommendations or licensed gas professional for clearance requirements.

All fire rated media (lava rock, volcanic stone, fire glass, etc.) has the potential of thermal spalling. This process may occur when the media is wet and moisture gets trapped inside of the material due to rapid temperature differences. When this happens, the media has the potential to crack or pop outside of the Outdoor Fireplace. Extra caution should be taken when lighting in high humidity or moisture. After lighting, allow 30 minutes to dry out the media and monitor from a distance until all popping has ceased before fully enjoying the fire.

> ⚠ **DANGER: Fire or Explosion Hazard. If you smell gas, shut off gas to the appliance, extinguish any open flame. If odor continues, leave the area immediately. After leaving the area, call your gas supplier or fire department. Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.**

Confirm that your main Natural Gas or Liquid Propane supply to the appliance is open. **Do not open your Control Knob at this time.**

Before lighting, visually inspect Outdoor Fireplace Kit and remove any accumulated leaves or other combustible debris.

LIGHTING INSTRUCTIONS

STOP! READ ALL THE SAFETY INFORMATION. LIGHTING

YOUR MERCURY IGNITION SYSTEM

1. Confirm that your Natural Gas or Liquid Propane supply to the appliance is OPEN or ON.
2. Press **Control Knob** and turn to the **Pilot** position.
3. Fully depress the **Control Knob**. Simultaneously, press the **Ignition** button until a flame appears.
4. Once pilot is lit, release the **Ignition** button. Continue to depress **Control Knob** for 30 seconds. Pilot should remain lit.
5. Once the pilot is lit, press **Control Knob** in and turn counterclockwise to achieve desired flame height.
6. If burner does not light, turn **Control Knob** to the OFF position. Wait 3 - 5 minutes before repeating lighting instructions.

TURNING OFF YOUR MERCURY IGNITION SYSTEM

1. Press **Control Knob** in and turn to OFF position and verify flame is out.
2. If using a LP tank, be sure to turn tank to CLOSED position.

REPLACING THE BATTERY

If your Mercury Ignition System™ is not lighting, you may need to replace the battery.

To replace the battery in your Mercury Ignition System:

1. Turn battery cover counterclockwise to remove cover and set aside.
2. Remove the AA battery and replace with a new AA battery.
3. Replace the battery cover and turn clockwise to tighten.

SCAN TO WATCH A TUTORIAL ON HOW TO LIGHT AN OUTDOOR FIREPLACE OR FIRE FEATURE WITH THE MERCURY IGNITION SYSTEM.



Platinum Ignition System

OPERATING GUIDELINES

Keep the area clear and free from combustible materials, gasoline, and any flammable vapors and liquids.

Solid fuels shall not be burned in the Outdoor Fireplace Kit. Leaves, sticks, wood, paper, clothing, food material, etc. should be kept away from the Outdoor Fireplace Kit. Make sure there is no vegetation or other objects over the top or sides of the Outdoor Fireplace Kit that could interfere with safe operation. If there are any questions as to clearances, please refer to the Fireplace Manufacturer for their specifications and recommendations or licensed gas professional for clearance requirements.

All fire rated media (lava rock, volcanic stone, fire glass, etc.) has the potential of thermal spalling. This process may occur when the media is wet and moisture gets trapped inside of the material due to rapid temperature differences. When this happens, the media has the potential to crack or pop outside of the fireplace. Extra caution should be taken when lighting in high humidity or moisture. After lighting, allow 30 minutes to dry out the media and monitor from a distance until all popping has ceased before fully enjoying the fire.

⚠ **DANGER: Fire or Explosion Hazard. If you smell gas, shut off gas to the appliance, extinguish any open flame. If odor continues, leave the area immediately. After leaving the area, call your gas supplier or fire department. Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.**

Confirm that your main Natural Gas or Liquid Propane supply to the appliance is open. **Do not open your Control Knob at this time.**

Before lighting, visually inspect the Outdoor Fireplace Kit and remove any accumulated leaves or other combustible debris.

LIGHTING INSTRUCTIONS

STOP! READ ALL THE SAFETY INFORMATION.

LIGHTING YOUR PLATINUM IGNITION SYSTEM

WARNING: A qualified, licensed electrician must install power supply for the Platinum Ignition System. An outdoor NEMA rated GFCI Receptacle outlet should be installed within the interior of the enclosure above grade to supply power to system.

1. Confirm that your Natural Gas or Liquid Propane supply to the appliance is OPEN or ON.
2. If you do not smell gas, use the key to turn the **Key Valve** or gas control valve to the ON position by turning the key to the left.
3. Turn on power to the fire feature with switch, button, or remote. Within 10 seconds of power application Pilot Flame should be lit and visible. Once the pilot is lit, the main burner will ignite shortly after.
4. Use **Key Valve** to adjust flame to desired height.

TURNING OFF YOUR PLATINUM IGNITION SYSTEM

1. Turn off power to the Outdoor Fireplace – with remote control or wall switch.
2. Turn **Key Valve** to OFF position by turning key to the right.
3. If using LP bottle/tank – turn bottle/tank to CLOSED position.
4. Verify flame is OUT.

WARNING: FOR REMOTE CONTROL USE: To prevent unwanted startup, turn off power to the appliance when not in use.

WARNING: If the Outdoor Fireplace Kit fails to turn off completely (small flames still visible), turn off gas supply using the main valve by your meter, and contact your gas supplier or qualified technician.

WARNING: For Platinum Ignition Systems, which have an extended or detached valve box, the area in which the valve box is installed must conform with all installation requirements, including, but not limited to location, construction, venting and local codes. Failure to do so may result in property damage, personal injury, or death.

SCAN TO WATCH A TUTORIAL ON HOW TO LIGHT AN OUTDOOR FIREPLACE OR FIRE FEATURE WITH THE PLATINUM IGNITION SYSTEM.

MAINTENANCE and TROUBLESHOOTING

WARNING

Installation and repair should be done by a qualified technician. Appliances should be inspected prior to each use and inspected at least once annually by a qualified gas appliance service professional.

WARNING

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

WARNING

Ensure gas and power are shut off and appliance is cool before servicing.

PRIOR TO EACH USE

Keep any debris out of appliance - clean as needed. If debris is found, remove before lighting system.

JET ORIFICE CLEANING

Annual inspection and cleaning of the fireplace is recommended. If at any time the flames exhibit any abnormal shapes or behavior or if burner fails to ignite properly, the holes located in the base of the gas jet orifices may require cleaning. The appliance can be cleaned by carefully removing the logs and media to allow access to burner. Use a brush to carefully remove dust, spider webs, and loose particles. Periodical inspection by a qualified service technician of the air-intake on the side of the jet is recommended to ensure your fire feature performs properly.

If a jet is clogged, use a wire or small puncture tool and carefully insert in jet. Tool should be the size of a small paper clip. {**See Figure 8**}

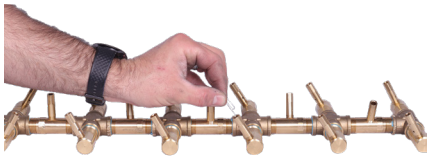


Figure 8: Cleaning the Jets

SEMI-ANNUALLY FOR MERCURY AND PLATINUM IGNITION SYSTEMS

Every six months, or as needed, remove media, lava rock, or fire glass from around the pilot assembly. Clean the thermocouple of any soot using a soft brush. Be careful not to damage the igniter element. Be sure when returning your media to the feature to avoid over covering the jets or the pilot assembly as detailed on page 32.

If the gas is not consistently flowing from the pilot gas orifice, it should also be cleaned. Remove the wind cage cap and clean the opening on the side of the orifice of any debris or soot that may be obstructing gas flow from the pilot gas orifice. Replace the wind cage cap when done.

ANNUALLY

Annual inspection and cleaning of the fireplace is recommended. If at any time the flames exhibit any abnormal shapes or behavior or if burner fails to ignite properly, the holes located in the base of the gas jet orifices may require cleaning. To clean the appliance, carefully remove the logs and media to allow access to burner. Use a brush to carefully remove dust, spider webs, and loose particles. Periodical inspection by a qualified service technician of the air-intake on the side of the jet is recommended to ensure your Outdoor Fireplace Collection kit performs properly.

TROUBLESHOOTING - PBIK IGNITION

NO SPARKS

- **BATTERY IS DEAD** - *Follow the steps on page 34 to replace the battery.*

PILOT SPARKS BUT BURNER WON'T LIGHT

- **FIX DISTANCE BETWEEN ELECTRODE AND JET** - *The Electrode is factory installed to be located 1/12" - 1/8" between the Electrode and Jet. If the Electrode has been bumped out of position, gently bend back into place.* {**See Figure 9**}
- **REPLACE THE IGNITER** - *If the previous steps do not resolve your issues on the PBIK, please contact Orders@Warming-Trends.com or call (303) 346 - 2224 to order a replacement Igniter.*



Figure 9: Fixing the Electrode

TROUBLESHOOTING - MERCURY AND PLATINUM IGNITION SYSTEMS

Below are some potential causes and countermeasures to the symptoms.

NO PILOT FLAME - PILOT SPARKS BUT PILOT WON'T LIGHT

- **AIR IN THE GAS LINE** - *If this is a new install, it may take several attempts to purge the air.*
- **DEBRIS IS IN THE GAS LINE** - *Clear the gas line.*
- **WATER/MOISTURE IS IN THE GAS LINE** - *Clear the gas line.*
- **INCORRECT GAS PRESSURE** - *Confirm proper gas pressure.*
- **PILOT GAS ORIFICE IS DIRTY** - *Remove the pilot head and clean.*
- **WIND CONDITIONS MIGHT BE TOO SEVERE.**

PILOT LIGHTS BUT BURNER WILL NOT LIGHT

- **GAS PRESSURE IS INCORRECT** - *Confirm proper gas pressure.*
- **SMALL PILOT FLAME** - *Remove the pilot head and clean pilot gas orifice.*
- **DIRTY THERMAL SENSOR** - *Clean using soft brush.*
- **CROSSFIRE® BURNER HAS AN OBSTRUCTION** - *Confirm there is no debris blocking gas orifice jets in burner, purge water and air from gas lines or in the burner, and confirm there is no debris in gas lines.*

BURNER TURNING OFF UNEXPECTEDLY

- **IMPROPERLY APPLIED MEDIA** - *Make sure your media is not covering the pilot assembly and that your logs are not placed over or too near the wind cage.*
- **GAS PRESSURE IS INCORRECT** - *Confirm proper gas pressure by checking at the gas stub to the feature and the Gas Inlet Pressure.*
- **WIND CONDITIONS** – *Confirm the burner is properly located 4" - 6" inside the feature, and be sure the wind conditions are not too severe for safe use.*

FIRE FEATURE IS MAKING A WHISTLING SOUND

- **FLEX LINE ISSUE** - *Confirm the correct size flex line is installed and there are no kinks or tight bends in the line.*
- **GAS PRESSURE IS IN CORRECT** - *If the whistling is coming from the jets, confirm the gas pressure is within the ranges recommended on the Gas Pressure Inlet chart provided on page 5. Adjust as needed.*

Please contact your retailer or certified technician for service and repair if these suggestions do not solve the issue. If replacement parts are required – contact your retailer or licensed technician for authorized replacement parts. Warranty is null and void if unauthorized parts are used.

Error codes are displayed by a flashing LED. This LED's primary function is to aid a trained technician in diagnosing basic issues with the device. The repetition period of the flashes is 10 seconds, each flash is ON for 0.5 seconds and OFF for 0.5 seconds.

NUMBER OF FLASHES	ERROR REASON
Solid LED	*No issue. Pit is ON and operational.*
LED Off	*No issue. Pit is OFF.*
1	**HSI ISSUE DETECTED** - *HSI did not prove, likely needs to be replaced.*
2	**THERMOPILE ISSUE DETECTED** - *Thermopile did not detect heating or did not get hot/stay hot, likely needs to be replaced or pilot assembly has been damaged.*
3	**24 HOUR TIMER TRIGGER** - *Pit has been on for more than the maximum allowed time. Power cycle is required.*
4	**HARDWARE ISSUES DETECTED** - *Please contact customer service at (303) 346-2224 or Orders@Warming-Trends.com.*

CERAMIC LOG ASSEMBLY INSTRUCTIONS

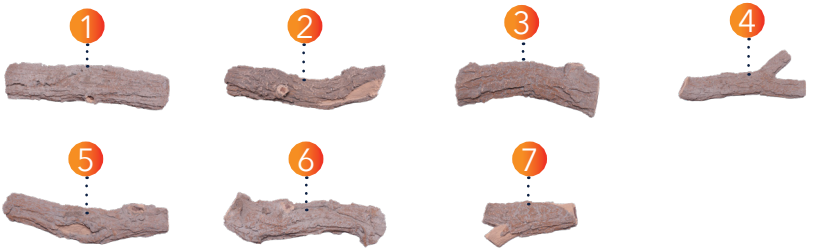


CERAMIC LOGS FOR 24" FIREPLACE OPENINGS OR LARGER

H-STYLE (104694 - NG | 104695 - LP)
TREE-STYLE (104696 - NG | 104697 - LP)

Fits Optional Ceramic Log Sets: Western Oak Small (WOS) or Mountain Split Small (MSS). (Sold Separately)





STEP 1



STEP 2



STEP 3

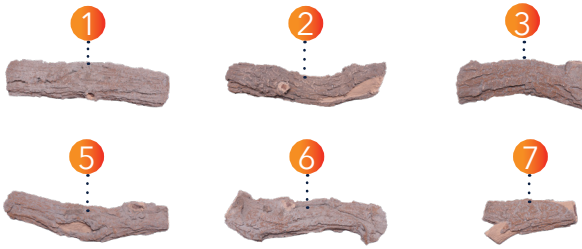


CERAMIC LOGS FOR 30" FIREPLACE OPENINGS OR LARGER

H-STYLE (104355 - NG | 104356 - LP)
TREE-STYLE (104357 - NG | 104358 - LP)

Fits Optional Ceramic Log Sets: Western Oak Small (WOS) or Mountain Split Small (MSS). (Sold Separately)





STEP 1



STEP 2



STEP 3

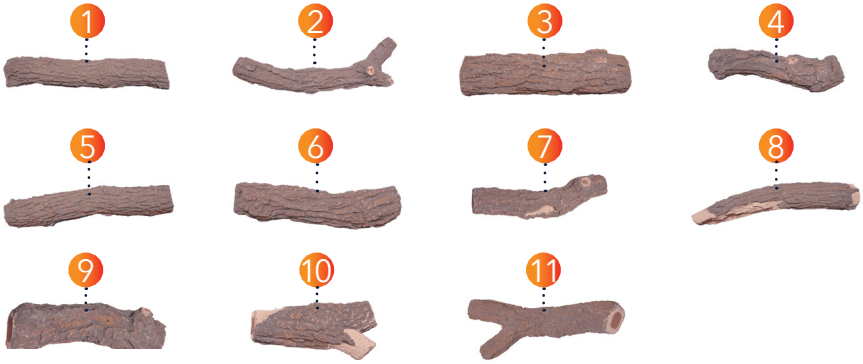


CERAMIC LOGS FOR 36" FIREPLACE OPENINGS OR LARGER

H-STYLE (104359 - NG | 104360 - LP)
TREE-STYLE (104361 - NG | 104362 - LP)

Fits Optional Ceramic Log Sets: Western Oak Medium (WOM), Western Oak Large (WOL), Mountain Split Medium (MSM), or Mountain Split Large (MSL). (Sold Separately)





STEP 1



STEP 2



STEP 3



STEP 4



H-STYLE (104363 - NG | 104364 - LP)
TREE-STYLE (104365 - NG | 104366 - LP)

Fits Optional Ceramic Log Sets: Western Oak Large (WOL) or Mountain Split Large (MSL). (Sold Separately)





STEP 1

STEP 2



STEP 3



STEP 4



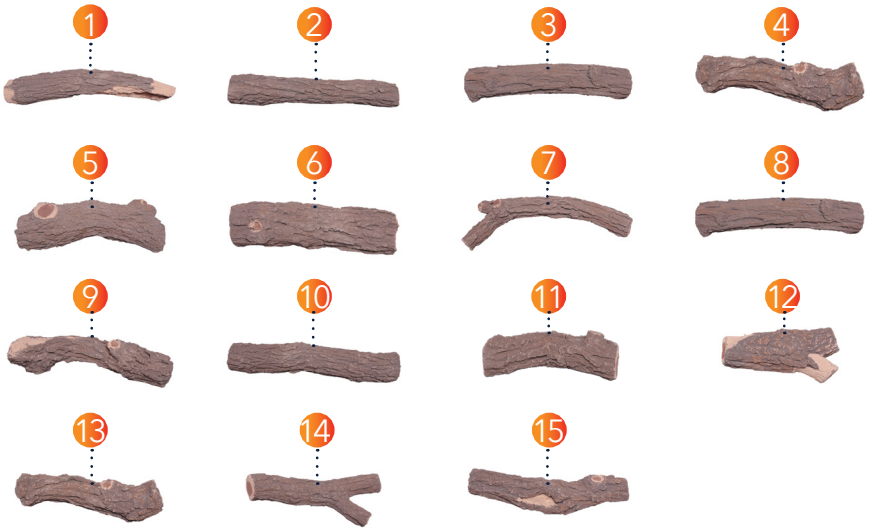


CERAMIC LOGS FOR 48" FIREPLACE OPENINGS OR LARGER

H-STYLE (104367 - NG | 104368 - LP)
TREE-STYLE (104369 - NG | 104370 - LP)

Fits Optional Ceramic Log Sets: Western Oak Large (WOL) or Mountain Split Large (MSL). (Sold Separately)





STEP 1



STEP 2



STEP 3



STEP 4



WARRANTY

FULL LIFETIME WARRANTY FOR CROSSFIRE® BURNERS

Warming Trends warrants that each Warming Trends® Crossfire® and other jetted-flame-brass burners sold through Warming Trends' distribution network (each as "Burner") is free from defects in materials and workmanship and conforms to its specifications, which are available upon request.

We offer a lifetime, full warranty for our Burners, regardless of ownership, beginning on the date of purchase ("Warranty Period"). This warranty is transferable, but we reserve the right to require proof of ownership for any transferred burners including proof that the Burner was not acquired through improper means or unauthorized re-sellers. During the Warranty Period, Warming Trends provides repair and exchange services for the Burners, without charge. If a Burner does not function as warranted during the Warranty Period and, after a reasonable number of attempts, Warming Trends is unable to either 1) make it do so or 2) replace it with one that is at least functionally equivalent, you may return it to Warming Trends and your money will be refunded. The warranty stated above will not apply to the extent that there has been misuse or use contrary to specifications or the appropriate user or operating manual, installation defect, accident, modification, unsuitable physical or operating environment, operation in other than the specified operating environment (e.g., outdoor burners should only be used outdoors) improper maintenance by you, or failure caused by a product for which Warming Trends is not responsible. With respect to Burners, the warranty is voided by removal or alteration of any identification labels or marks on any Burner or part.

ITEMS NOT COVERED BY FULL WARRANTY FOR BURNERS

OTHER THAN AS EXPRESSLY STATED ABOVE, WARMING TRENDS DOES NOT WARRANT UNINTERRUPTED OR ERROR-FREE OPERATION OF ANY BURNER, OR THAT WARMING TRENDS WILL CORRECT ALL DEFECTS.

This warranty is specific to Burners and does not apply to any other product sold by Warming Trends, which may be covered by separate warranties with different terms. Warming Trends does not warrant any services related to our Burners, including installation, unless we provided those services to you. You may have warranty rights from the service provider, but we make no representations or warranties express or implied regarding any third-party service provider and our warranties do not apply to failures caused by their work.

IGNITION SYSTEMS WARRANTIES

RESIDENTIAL INSTALLATIONS

Platinum Ignition Systems™ and Cobalt Ignition Systems ™ are warranted for three (3) years from date of purchase. In the event a Platinum Ignition Systems™ and Cobalt Ignition Systems ™ must be replaced due to

a defect or malfunction of the system, Warming Trends® will repair or replace the system at no cost for the first three (3) years. This warranty does not cover labor costs and will be automatically voided if the ignition system is installed or used with a non-specified burner, accessories or recommended plate or pan, and cover.

12VIK and 3VIK systems are warranted for one (1) year from the date of purchase and, thereafter, are covered by a limited warranty for two (2) years from date of purchase. In the event a 12VIK and 3VIK system must be replaced due to a defect or malfunction of the system, Warming Trends® will repair or replace the system at no cost for the first year. In the event a 12VIK and 3VIK system fails after the first year from date of purchase and within two years from date of purchase, Warming Trends will repair or replace the system for a cost of 50% of the current list price. This warranty does not cover labor costs.

P24VIK Systems are warranted for three (3) years from date of purchase. In the event a system must be replaced due to a defect or malfunction of the system, Warming Trends will repair or replace the system at no cost for the first three (3) years. This warranty does not cover labor costs.

Mercury Ignition Systems™ are warranted for three (3) years from date of purchase. In the event a Mercury Ignition system must be replaced due to a defect or malfunction of the system, Warming Trends will repair or replace the system at no cost for the first three years.

This warranty does not cover labor costs and will be automatically voided if the ignition system is installed or used with a non-specified burner, accessories or recommended plate or pan, and cover.

Push Button Ignition Systems are warranted for one (1) year from date of purchase. In the event a Push Button Ignition System must be replaced due to a defect or malfunction of the system, Warming Trends will repair or replace the system at no cost. This warranty does not cover labor costs and will be automatically voided if the ignition system is installed or used with a non-specified burner, accessories or recommended plate or pan, and cover.

COMMERCIAL INSTALLATIONS
Platinum Ignition Systems™ and Cobalt Ignition Systems ™ are warranted for one (1) year from date of purchase. In the event a Platinum or Cobalt Ignition System must be replaced due to a defect or malfunction of the system, Warming Trends will repair or replace the system at no cost. This warranty does not cover labor costs and will be automatically voided if the ignition system is installed or used with a non-specified burner, accessories or recommended plate or pan, and cover.

12VIK, 3VIK, and P24VIK systems are warranted for one (1) year from date of purchase. In the event a 12VIK, 3VIK, or P24VIK system must be replaced due to a defect or malfunction of the system, Warming Trends will repair or replace the system at no cost. This warranty does not cover labor costs.

Mercury Ignition Systems™ are warranted for one (1) year from date of purchase. In the event a Mercury Ignition system must be replaced due to a defect or malfunction of the system, Warming Trends will repair or replace the system at no cost for the first year. This warranty does not cover labor costs and will be automatically voided if the ignition system is installed or used with a non-specified burner, accessories or recommended plate or pan, and cover.

Push Button Ignition Systems are warranted for six (6) months from date of purchase. In the event a Push Button Ignition System must be replaced due to a defect or malfunction of the system, Warming Trends will repair or replace the system at no cost. This warranty does not cover labor costs and will be automatically voided if the ignition system is installed or used with a non-specified burner, accessories or recommended plate or pan, and cover.

ITEMS NOT COVERED BY WARRANTIES FOR IGNITION SYSTEMS

Warming Trends does not warrant any services related to our Electronic and Manual Ignition Systems, including, without limitation, installation, unless we provided those services to you. You may have warranty rights from the service provider, but we make no representations or warranties express or implied regarding any third-party service provider and our warranties do not apply to failures caused by their work. Problems or defects in the functioning of the systems due to gas plumbing or electrical installed by others are not covered by any warranty offered by Warming Trends.

DISCLAIMER OF ADDITIONAL WARRANTIES

OTHER THAN THE SPECIFIC WARRANTIES SET FORTH IN THIS WARRANTY POLICY, WARMING TRENDS MAKES NO REPRESENTATIONS OR WARRANTIES WITH RESPECT TO ITS BURNERS OR IGNITION SYSTEMS, WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

RETURN POLICY

RETURNS

We hope that you truly enjoy your Warming Trends purchase. If you are not satisfied, we accept product returns for thirty (30) days of date of purchase, subject to the conditions below. Purchases made between December 1st and December 24th may be returned for forty-five (45) days from the date of purchase, subject to the conditions below.
We only accept returns for products purchased directly from Warming Trends. Proof of Purchase from Warming Trends is required. For products purchased elsewhere, please contact that business regarding your return.
Please email your request for return together with the Proof of Purchase to Orders@Warming-Trends.com Upon receipt of your request, we will email you our return address. All returns must be shipped by the customer to Warming Trends at the customer's expense and risk of loss.
Upon receipt of your return, we will process it within 7 – 10 business days. Depending on your bank's processing time, it may take up to 10 days after we process the return to reflect on your account.

DAMAGED, DEFECTIVE, OR INCORRECT ITEMS

Once you receive your order, you have seven (7) days to open and inspect the product(s). If anything is missing or damaged, or not what you ordered, please contact us at Orders@Warming-Trends.com with Figures/videos of the issue. One of our team members will reach out to assist you with a return/replacement.

LIKE-NEW CONDITION

Items must be in like-new condition upon our receipt. Items that are damaged, unsanitary, dented, scratched, or missing parts will not be accepted for return.

PRODUCT ACCESSORIES AND PACKAGING

Product returns must include all accessories and packaging. If not included, we may either deny the return, or allow a return with a nonrefundable deduction on your refund for what is missing.

CALIFORNIA RESIDENT PROP 65 WARNING



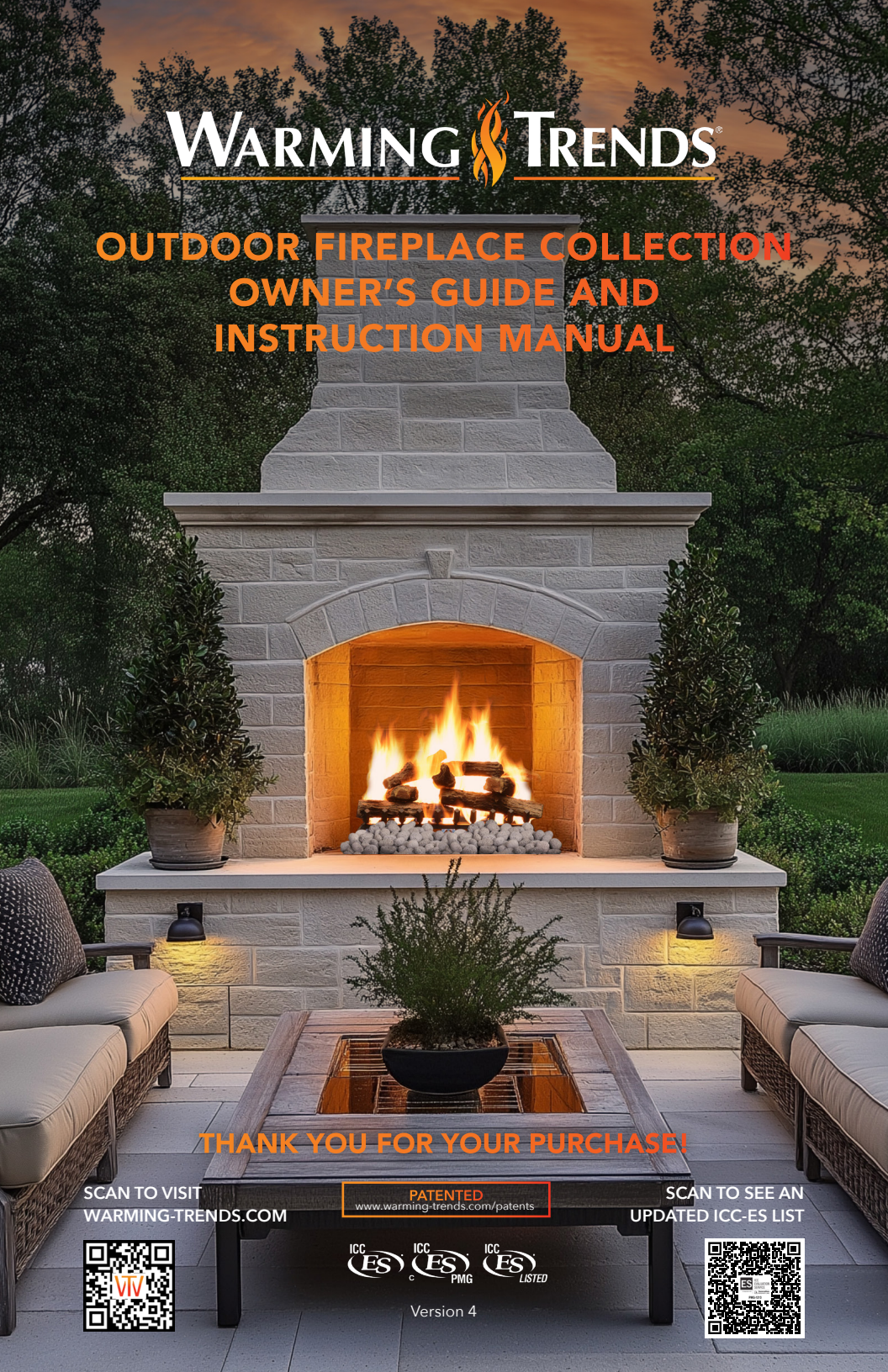
WARNING: This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer, carbon monoxide and Bisphenol A, which are known to the State of California to cause birth defects or other reproductive harm, and lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

CONTACT US

REPLACEMENT PARTS, QUESTIONS, OR NEED ASSISTANCE? OUR TEAM IS HAPPY TO HELP.

Call our Flame Specialists at (303) 346-2224 or email us at Orders@Warming-Trends.com.

For more information about Warming Trends products, please visit us at www.Warming-Trends.com.


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