



COPPER FIRE/WATER BOWL SERIES



TEMP31-EING/120VAC



TEMP31W-EI-NG/120AC

Installation & Operation Instructions

Install Confidence.™



FIRE INSPIRED™

860-EI ON/OFF





This is a Safety Alert Symbol

When you see this symbol on the fire pit insert, or in this manual, look for one of the following signal word panels alerting you to the potential for personal injury, death, or major property damage.



WARNING: For Outdoor Use Only.

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



WARNING

Do not store or use gasoline or other flammable vapors and liquids in 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.



DANGER

FIRE OR EXPLOSION HAZARD

If you smell gas:

- **Shut off gas to the appliance.**
- **Extinguish an 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

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.



INSTALLER: Leave this manual with the appliance.

CONSUMER: Retain this manual for future reference.



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.

1 Important Safety Information

- Hearth Products Controls Company recommends that our products are installed by professionals locally licensed by the authority having jurisdiction in gas piping. All installation instructions must be followed to ensure proper performance and safety. Hearth Products Controls Company assumes no responsibility for problems relating to the installation.
- To qualify for warranty, all instructions must be strictly followed. Otherwise, warranty may be void. Never alter product or configuration in any way.
- Annual servicing should be handled by professionals certified in the US by the National Fireplace Institute (NFI) as NFI Gas Specialists or in Canada by WETT (Wood Energy Technical Training).
- It is the installer's responsibility to ensure a safe installation and to educate the end-user regarding the features, safety recommendations and proper operation of this product.
- Please reference page 1 for all warnings.

INSTALLER:

Leave this manual with the appliance.

END USER:

Retain this manual for future reference.

SELECT MODELS

Certified to
ANSI Z21.97-2014
CSA 2.41-2014



Technical Support

For information and support contact your Hearth Products Controls dealer.

1 Important Safety Information

Symbol Legend



This is a Safety Alert Symbol

When you see this symbol on the fire pit insert, or in this manual, look for one of the following signal word panels alerting you to the potential for personal injury, death, or major property damage.



Necessary instructions



1 Important Safety Information

Please reference page 1 for all warnings.

Important Safety Information for Installers

Leave this manual with the end-user and instruct them to retain it for future reference. Instructions and product updates are also available at www.hpcfire.com under the Support tab.

Installers must carefully follow the instructions in this manual to prevent personal injury or property loss. These instructions contain information critical to the safe installation and operation of the fire pit.

- Instructions are updated as needed. It is the responsibility of the installers to check for product updates and installation manual updates at [www.hpcfire.com/ support.html](http://www.hpcfire.com/support.html) prior to installation.
- It is the responsibility of the installer to follow:
 - The National Fuel Gas Code, ANSI Z223.1/NFPA 54 or International Fuel Gas Code.
 - Natural Gas and Propane Installation Code CSA B149.1 or CSA B149.2.
 - The National Electrical Code, ANSI/NFPA 70. In Canada, Canadian Electrical Code CSA22.1.
 - Local codes
- **Control options:** Use of wall switch, optional remote control (#578-C), automatic shut-off timer or whole house system.

Gas

- Only use the gas/fuel type specified for this fire pit, refer to the label on the fire pit control box. Never use an alternative fuel to include biofuel, ethanol, lighter fluid, or any other fuel.
- Gas pressure and type should be checked prior to use and installation.
 - Natural Gas Fire Pit: Supply Pressure: Minimum: 3.5 inches W.C.; Maximum: 7.0 inches W.C.
 - LP Gas: Supply Pressure: Minimum: 8.0 inches W.C.; Maximum: 11.0 inches W.C.

IMPORTANT

If pressure is low, this will reduce flame height on HIGH setting, resulting in little to no flame variation.

- If not using supplied flex line, ensure any flex line that may be used from the permanent main fuel supply to the product is rated to the stated max BTU of the product and certified to ANSI Z21.75*CSA 6.27.

1 Important Safety Information

Important Safety Information for End-Users

- Never leave an operating fire pit unattended or with someone not familiar with its operation or emergency shut-off locations.
- Both children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns and clothing ignition.
- Young children should be carefully supervised when they are in fire pit.
- Keep the appliance area clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

NOTE: All fire pits and systems are designed and intended for outdoor use only.

IMPORTANT

It is recommended that material such as granite, marble or other dense stone be kept away from heat and especially flame due to risk of cracking. HPC is not responsible for damage resulting from failure to follow these recommendations.

- Select a location that
 - ensures above-grade installation of the fire pit.
 - offers good drainage.
 - allows easy access for installation and maintenance of the fire pit.
 - provides sufficient horizontal room to enjoy the fire pit while allowing a safe distance from the heat and flame.

IMPORTANT

Deck installation — If installing fire pit on a wood or composite deck, it is required to use the Deck Insulation Kit(s) and locally bought paver stones. Kit includes basalt material and instructions.

#FPI-DECK39SQ; #FPI-DECK20SQ. Also refer to drawing- Deck Insulation Kit- Install.

- Fire pits create extremely elevated temperatures. For clearances refer to table 3.1. Clothing or other flammable materials should not be placed on or near fire pit.

Clearances around Fire Pit

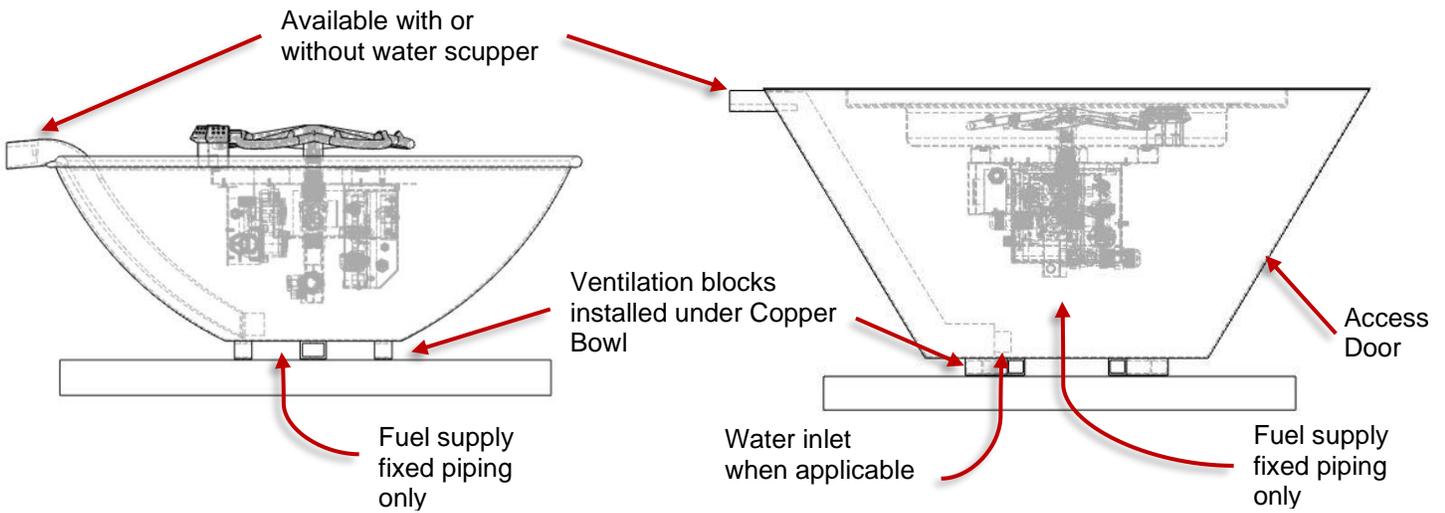
Fire Pit Clearances	Up to 200k BTU
Under Valve Box when applicable for drainage	2"
Sides surrounding fire pit from structure or combustibles	36" (12" for non-combustibles)
Overhead clearance above product	84"

Table 3.1 – Fire Pit Clearances

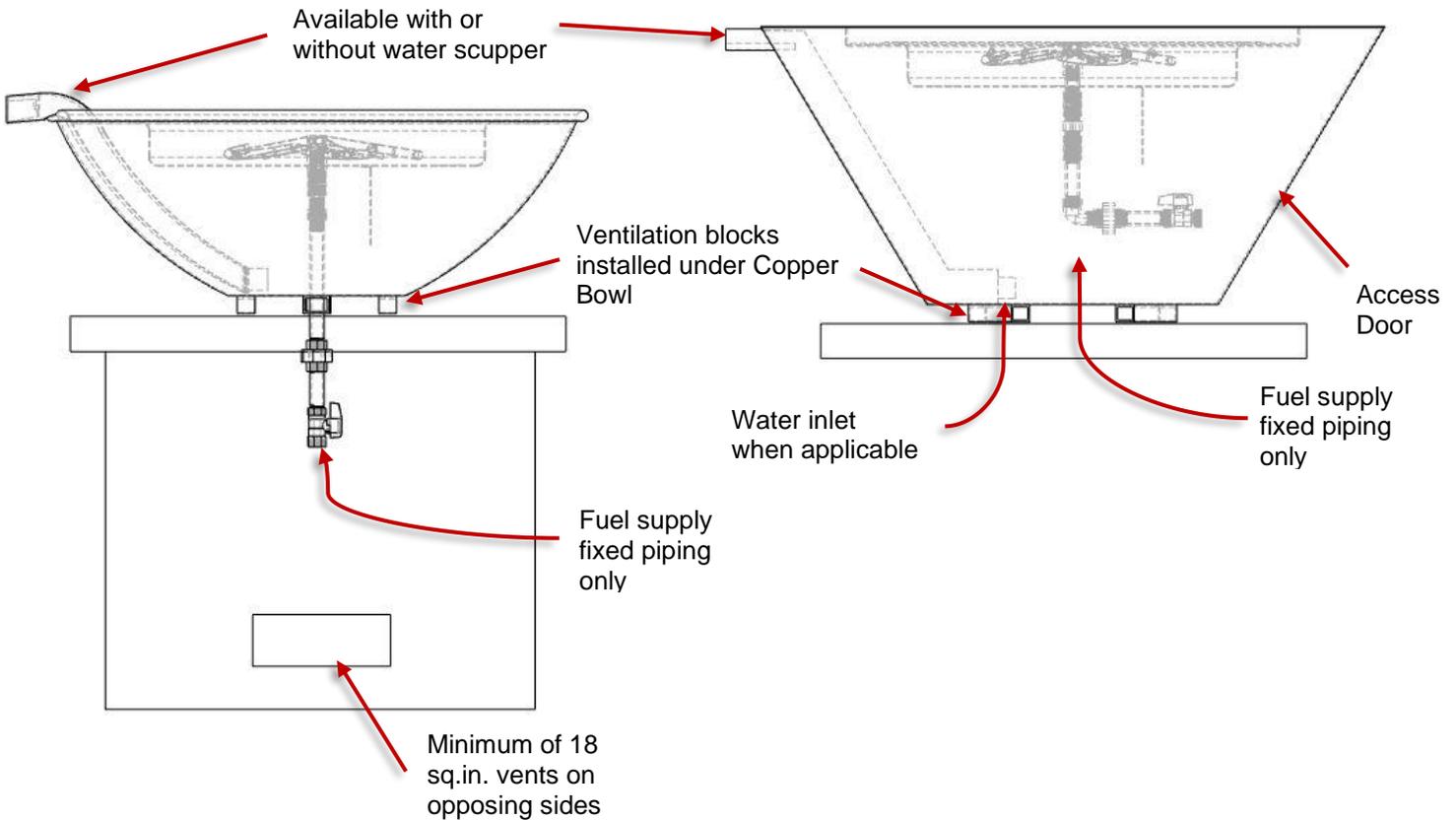
2 Copper Bowl Install

Mounting Options

Electronic Ignition



Match Lit



2 Bowl/Container Install

1. Follow all electronic ignition and/or match lit instructions carefully (Included and available at hpcfired.com)
2. Proper venting is required as illustrated above
 - a. Vent blocks must be installed on all Copper Bowls
 - i. Utilize the provided vent blocks
 - b. Additional venting is required if there is a cavity under the Copper bowls
3. If using a manual key valve, this is NOT a replacement for the safety shut off valve
4. Manual key valves are NOT to be used to control flame height. Manual key valves should be fully on or fully off

IMPORTANT → **Warranty will be voided if there is no proper ventilation**

5. Hook up water if applicable
 - a. Water flow is estimated to be 700~900 GPH
 - b. It is recommended to put a valve after the pump to trim water flow if desired
 - c. Consult your pool or pond professional for line and pump sizing
6. Leak test all gas and/or water fittings
7. If using an electronic ignition system, it must be kept dry
8. Access panel is included on applicable models
9. On product with CSA certified fire pits install the startup shut down instructions near the valve or switch which is used to start the fire pit
 - a. CSA certified match lit models will have startup shut down labels on the inside of the access door on applicable models.

 **WARNING: Follow all attached electronic ignition and/or match lit instructions carefully. If you do not have the additional instructions, contact your dealer or salesperson.**

3 Warranty

Warranty

Hearth Products Controls Co. (HPC) warrants fire pits against manufacturing defects that prevent safe and correct function as follows:

1) **Stainless Steel Fire Pit and Outdoor Fireplace Burners - Lifetime Warranty**

Limited Warranty:

- 2) Electronics, Gas Valve: Commercial-1 year; Residential-3 year.
- 3) Pilot Assembly: Commercial-1 year; Residential-2 year.
- 4) Stainless Steel Pan, Valve Box: Commercial-1 year; Residential-5 years

Warranty commences from the date of original sale / shipment from HPC FOB Dayton, Ohio. This warranty is for parts and in-house (HPC) labor. The defective product must be sent back to HPC with a Return Merchandise Authorization (RMA) issued by HPC for that specific product and any other additional information for the nature of the defect or warranty claim. The warranty does not cover items that have been damaged by overheating, modification, abuse, or improper storage. Also, any labor involving installation or maintenance with the unit is not covered. This warranty excludes claims for consequential, indirect-collateral expenses arising from product defects or warranty recovery.

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FIRE INSPIRED™
Hearth Products Controls

Fire-inspired since 1975.

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For detailed product information, go to www.hpcfire.com