

INSTALLATION INSTRUCTIONS FOR NATURAL GAS AND PROPANE LANTERNS

DANGER FIRE OR EXPLOSION HAZARD

If you smell gas:

- Shut off gas to the appliance.
- Open windows.
- Do not touch electrical switches.
- Extinguish any open flame.
- Leave the building immediately.
- After leaving the building, immediately 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.

WARNING FIRE OR EXPLOSION HAZARD

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

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

WARNING

If odor continues, leave the area immediately.

OUTDOOR INSTALLATION

This lantern must be installed by a certified plumber to conform to local codes or in absence of local codes with the national fuel code ANSI Z223.1.

Installation shall be in accordance with CAN1-B149.1, Installation Code Natural Gas Burning Appliances and Equipment.

Threaded parts and screws conform to UL Standards for Unified Screw Threads B1.1, and Unified Inch Screw Threads ANSI/ASME B1.1.

ATTENTION INSTALLER: Leave these instructions with appliance so consumer will retain them for future reference.

Legendary Lighting Models see EZ Mount Instructions for attaching to Wall

Propane Lantern: If your lantern is a propane version it will be equipped with a propane burner and LP regulator.

Installation Instructions for Post Mount Lanterns

Note: The minimum clearance from combustible construction is 12" at top and 6" at the sides.

1. Select a suitable post for mounting. If a Legendary Lighting unit is not used, ensure that your post is sufficiently stable to support the lanterns weight, and that it is firmly set in its foundation to maintain stability.
2. Configure the gas supply line with the appropriate fitting to attach to 1/4" flare nut. Gas line must be able to move up and down so lantern will slide down on mounting bracket. This can be accomplished by coiling the line in the post.
3. Assemble the mount to the lantern.

4. Check for any leaks using soap solution, if air bubbles appear, shut-off main gas line and tighten all fittings. Do not check using open flame.
5. Slide the lantern down onto the post and position in the correct orientation.
6. When attaching mounting bracket to top of column use brass or rust resistant #10 hex head self-tapping sheet metal screws.

INSTALLATION INSTRUCTIONS WALL MOUNT OR CEILING MOUNT

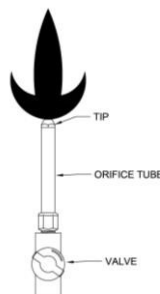
NOTE: The minimum clearance from combustible construction is 12" top by 6" side.

1. Using mounting hole template (or lantern itself) mark and install 1/4" x 5" (min) hanger bolts (supplied). If mounting on brick, stone or stucco, masonry-anchors (not provided with the fixture) may need to be used.
2. Reduce gas supply line from exterior wall to 1/4" flex connector or copper tubing.
3. Make a copper coil using 1/4" O.D. copper tubing to allow hook-up of gas supply line to the 1/4" flare fitting located in the wall mounting box of the lantern. All hook-ups must be made within the width, depth and height of the lantern mounting box.
4. Check for any leaks using a soap solution. If bubbles appear, shut off main gas line and tighten all fittings, then recheck.

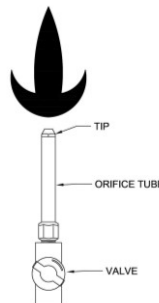
WARNING: NEVER USE AN OPEN FLAME TO CHECK FOR LEAKS.

LIGHTING INSTRUCTIONS

**CORRECT:
Flame at Tip**



**INCORRECT:
Flame above tip**



1. Open lantern door.
2. Using flame from match or lighter, hold flame over tip of burner.
3. While holding flame over tip of burner, turn gas valve counter-clockwise.
4. Adjust flame by turning valve to desired position. Bottom of flame should not leave top of burner tip for optimum appearance and wind resistance.

Electronic Ignition:

If an electronic ignition system is being used, it will ignite automatically when the switch is turned on. See Electronic Ignition page for more information. Allows for use in Interior Applications.

SHOULD YOU NEED TECHNICAL ASSISTANCE OR REPLACEMENT PARTS, PLEASE CALL:

1-800-235-6725



Electronic Ignition System

Indoor or outdoor installations

What is it?

The Electronic Ignition System allows open flame lanterns to be turned on using any switch such as a timer or photo cell or regular light switch. With Electronic Ignition, should the flame be blown out, the lantern will automatically re-ignite. Customers now have the convenience of turning the gas lantern on and off with the flip of a switch rather than with lighters and ladders.

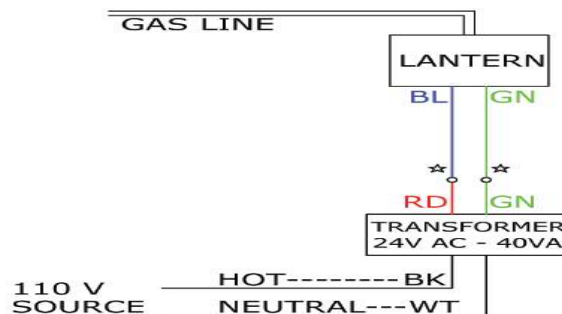
How does it work?

The system is comprised of 4 different components; solenoid valve, transformer, control box, and igniter. These four parts work together using a process called flame rectification to sense that the flame is burning. The control board receives the signal that the flame is lit keeping the solenoid open allowing gas to keep the lantern burning. Should the flame blow out, the lantern will reignite itself keeping the flame burning brightly.

How is it Installed?

Reduce your gas supply line coming from the wall to 1/4" copper coil or flex line, to connect to the flare adapter on the lantern. The size of wire connecting to your lantern depends on the voltage you are running. **Our system is a low voltage** system so the customer has a choice to make long runs in low voltage(24v) or high voltage(110v). If running low voltage wires to the lantern, use large enough wires to avoid a voltage drop (**14ga wire will run 24v 150 feet**). If running 110v to the lantern then **install the transformer** in the lantern's wall box, ceiling box, or post, and connect to the low voltage wires attached to the lantern.

☆ WIRE GAUGE	MAXIMUM FOOTAGE
10	325
12	200
14	125
16	80
18	50



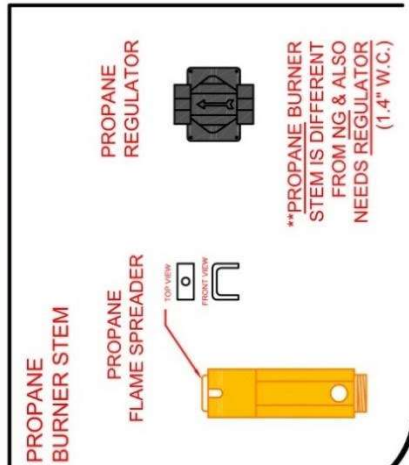
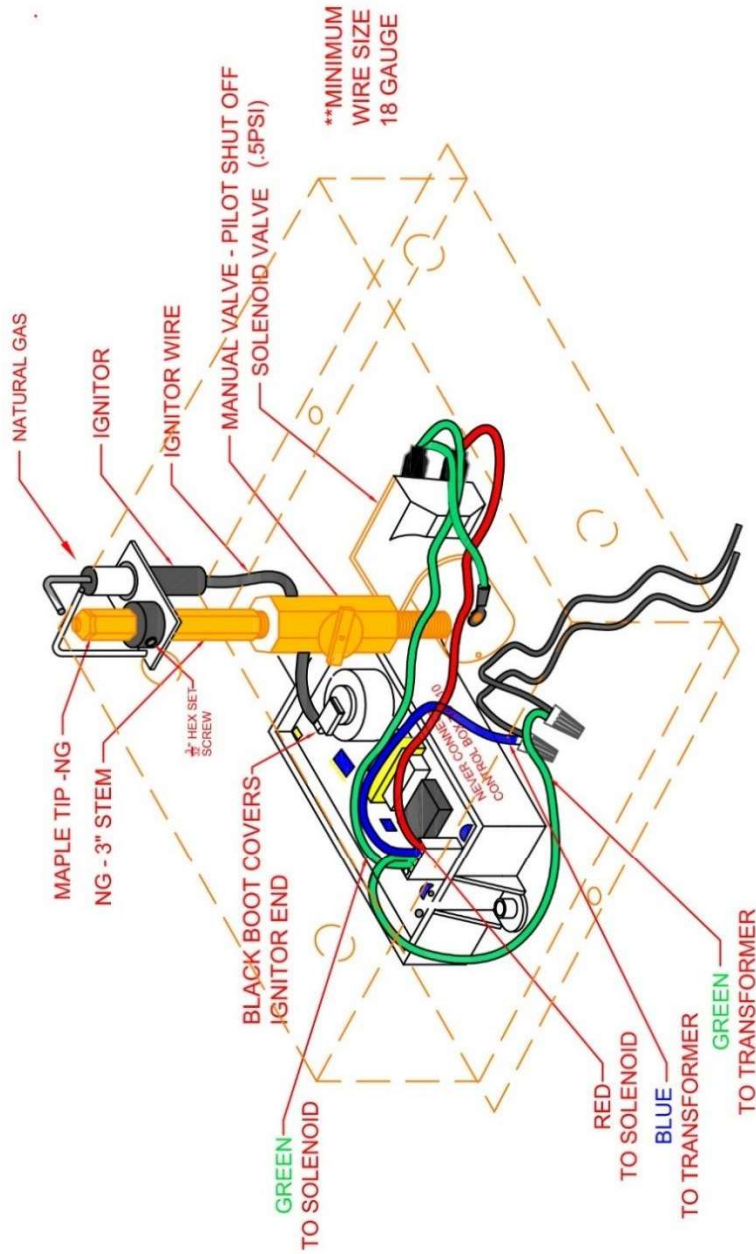
DO NOT CONECT 120V TO LANTERN!

Attaching high voltage current directly to lantern will void warranty on all parts. Voltage must be stepped down using transformer included, or larger transformer for multiple lanterns.

Please call prior to installation for any questions regarding wiring sizes and more technical information as needed. 1-800-235-6725.

TYPICAL INSTALLATION OF ELECTRONIC IGNITION

****24V- 40VA TRANSFORMER REQUIRED****



PATENTED FLAME

- (1) NG 3451 BTU
- (2) LP 2800 BTU
- (3) 4854 BTU

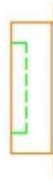
NG - 7" W.C.
LP - 11" W.C.

****WHEN CONNECTING MORE THAN ONE LIGHT, POLARITY MUST BE CONSISTENT****

****110 TO 24 VOLT 40 VA A.C. CLASS II-MAGNETIC TYPE TRANSFORMER**

****CONTROL BOX APPROX. .380 OHMS**

CONTROL BOX IS MOUNTED UPSIDE DOWN UNDER A COPPER COVER



**COPPER SCULPTURES INC.
& LEGENDARY LIGHTING**

JEREMY SHOOK-TECH.SUPPORT/SERVICE

PH. 800-235-6725 or 601-992-9955
FX. 601-992-9350

Installation Instructions

Electric Lanterns Indoor or Outdoor Use

Tools & Material Required

- ¼" drill bit (not required for post mount)
- ¼" drill motor (not req'd for post mount)
- 7/16" open/close end wrench
- Step ladder, electrical tape, wire cutters, wire nuts.
- Electrical supplies required by local electrical code.

Note of Caution

- Read "Electrical Connection" section before proceeding to connect lantern. It is preferable that a licensed electrician install your lantern.
- Use Extreme Caution when working with electricity. Even though lanterns are built to strict standards, it is the responsibility of the installer to be careful.

Legendary Lighting Models see EZ Mount Instructions for attaching to Wall

Attention Installers: leave instructions with appliance so consumer will retain them for future reference.

Installation Instructions

General Information:

1. Connect lantern to properly sized wire. Check local code or with an electrician if unsure of size.
2. Read and understand all instructions and attached paperwork sent with lanterns.
3. All connections are to be in accordance with local codes and ordinances or the National Electrical Code.
4. The wall mount and ceiling mount lanterns are attached to a structure or building. Make sure there is adequate support for the weight.
5. Before starting installation, disconnect the power by either turning off the circuit breaker or by removing the fuse at the fuse box. Turning off the switch is not sufficient to prevent electrical shock.

General Procedures (*explained on following page*):

- Disconnect the power
- Reinforce mount if needed.
- Unpack and inspect lantern.
- Install mounting hardware.
- Make electrical connections.
- Mount lantern.
- Reconnect power.

Disconnect Power: Before starting installation, disconnect the power by either turning off the circuit breaker or by removing the fuse at the fuse box. Turning off the switch is not sufficient to prevent electrical shock.



Reinforce Mount: The wall mount and ceiling mount lanterns are attached to a structure or building. Make sure there is adequate support for the weight.

Unpack Lantern: Read the notes attached to the shipping boxes for pertinent information about the enclosed lantern. Check contents of shipping box for the following: * Mounting hardware, * Mounting bracket (if applicable) & * Lantern.

See EZ-MOUNT instructions for LEGENDARY LIGHTING ONLY

Using mounting hole template (or lantern itself) mark and install ¼" x 4" (min) hanger bolts (supplied). If mounting on brick, stone or stucco, masonry-anchors (not provided with the fixture) may need to be used.

Install Mounting Hardware: If unit is wall mount or ceiling mount, use the lantern bracket to mark the locations for attaching mounting bolts to wall or ceiling. Attach the mounting bolts as required. Do not assemble the mounting bracket at this time.

Electrical Connection: Connect the white wire from the lantern to the white wire of the supply source. Connect the black wire from the lantern to the black wire from the supply source. Connect the green wire (or bare copper wire) to the grounding conductor of the supply source. If the lantern used a SPT cord, connect the half of the SPT cord that is ribbed to the white wire of the supply source and the smooth half of the SPT cord (with the markings) to the black wire of the supply source. Use correct sized wire connectors to connect wires (with no loose strands) and wrap the connectors with electrical tape. If the light has been built with an inspection access hole, position the electrical connection to the power source at the access hole cover location.

Mount Lantern: Check that mounting hardware and electrical wires are connected. Position wires to not be in a bind during assembly. Place lantern in position and secure with hardware. Align and tighten fasteners.

Note: In some ceiling mount configurations, an extension is used. It is often sent unassembled with the lantern for shipping purposes. It will be necessary to connect the extension to the lantern before actually mounting the lantern to the ceiling.

In Wet Locations: Seal (using a suitable caulk or silicone sealant) the light at the mounting surface at the top and the sides. Do not seal the bottom, as this will trap water between the light and the mounting surface.

Reconnect Power: Reconnect the power by either turning on the circuit breaker or placing the fuse back into the fuse box, then turning the switch to the "on" position. Check operations to be sure it is functioning the correct way.

LEGENDARY LIGHTING MODELS ONLY

INSTALLATION INSTRUCTIONS FOR Wall Mount Support Bracket

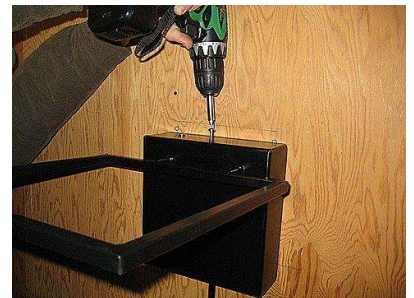
Mount the WSB at the desired location using the four (4) ¼" x 1 ½" bolts supplied. If mounting on brick, stone or stucco, masonry anchors or other mounting hardware may be needed. *(Legendary Lighting does not supply masonry anchors.)*



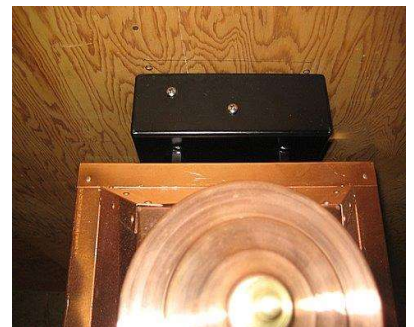
Position the light bracket on top of the WSB. Secure in place using one bolt through the far left or far right hole in the top of the lantern bracket and through the curved slot at the top of the WSB. Secure the bolt with lock nut; *make sure to leave the bolt and nut loose enough to be able to rotate or swivel the lantern bracket.*



After connecting to gas and/or electricity, rotate the lantern bracket into final position and install one bolt at top center and one bolt at bottom right. If a top curl is used, assemble it while installing the top center bolt.



**For technical assistance, please call
1-800-235-6725**



CARE AND MAINTENANCE INSTRUCTIONS

Thank you for your purchase of a Copper Sculptures or Legendary Lighting copper gas lantern. Each lantern is crafted, with pride in the United States of America. Copper, being a natural metal that weathers over time, may need six or more weeks to adjust to climate conditions in your area. Once in use, the roof of the lantern will begin changing as a result of the rising heat within the fixture. The lantern may appear brass, nickel or even red in color for the first few weeks; however, it will eventually turn a dark (old penny) color. In some environments, the lantern may patina to an oxidized finish of browns and greens.

Periodically the lantern glass will need to be cleaned. To do this on a manually lit lantern, simply open the door, turn off the flame and allow the lantern to cool. Lanterns equipped with electronic ignition can be turned off at the light switch. Once the lantern has been allowed to cool, clean the glass with glass cleaner of choice. Re-light your gas lantern (manual version) by holding a lighter over the tip and then turning the valve on. Lanterns equipped with electronic ignition can be turned on with the flip of a light switch.

To clean the copper surface of the lantern, wipe the lantern with a wet cloth. Then apply a mild soap solution such as dishwashing liquid mixed with water to remove any dust, grime or bird residue. Wipe lantern again with a clean wet cloth.

Occasionally, your flame may seem to lose its shape. This may occur after cleaning the glass or due to sulfur build up in the tip. To correct, open the door and turn off the gas valve thus extinguishing the flame; lanterns equipped with electronic ignition can be turned off via light switch. Place dental floss inside the slit at the tip of the burner and work it in a back and forth motion. This will clean the tip and remove any debris that may distort the flame. If the lantern is designed to burn propane gas, the burner air intake holes will occasionally need to be cleaned out; clogged air intake holes may cause the propane burner to burn improperly causing soot to form on the glass and burner tip. Air intake holes are located on the side of the burner stem near the bottom. A pipe cleaner or a can of compressed air can be used to perform this routine maintenance on propane fixtures. Using a pipe cleaner, push the pipe cleaner through the burner tip and down through the burner stem dislodging any debris that may impede the flow of air and gas through the stem. Now, run the pipe cleaner through the air intake holes removing the dislodged debris. When using compressed air, cover one of the air intake holes with finger and blow air down through the burner tip. Thus, dislodging debris and forcing it through the burner stem and out of open air intake hole.

Copper Sculptures, Inc./Legendary Lighting, LLC 601-992-9955; Fax: 601-992-9350
Technical Support: 1-800-235-6725

WARRANTY INFORMATION

Limited Lifetime Warranty

All Legendary Lighting and Copper Sculptures products come with a limited lifetime warranty against defects in copper workmanship or materials. Damage caused by misuse, abuse and acts of God or nature are excluded. During the warranty period, Legendary Lighting and Copper Sculptures will repair or replace, as we determine, any lantern or part that is defective as described in this warranty statement. All lantern installations must be made by a licensed plumber and must meet all local building codes. If equipped with an electronic ignition system or an electric light fixture, the lantern's electrical connections must be installed by a licensed electrician. This warranty covers both parts and labor with the *customer being responsible for shipping costs to and from the factory.*

Lantern Body

The copper body of the lantern is warranted against defects in workmanship or materials for the life of the unit. Steel brackets and accessories are warranted against defects in workmanship or materials for one year from date of purchase.

Glass

Legendary Lighting will replace glass broken during original shipment by normal means. Normal shipment is by common carrier, strapped down to a pallet. Customer may request other methods of shipment such as UPS, FedEx or DHL. Glass broken during shipment by means other than normal shipment is not covered. *Customer is responsible for all shipping costs of replacement glass.*

Color

It is natural for copper to change color as it ages. Environmental influences determine the speed and nature of these color changes and they are neither predictable nor warranted in any manner. Patina finishes (Patina Finish Antique, Patina Finish Black, Patina Finish Green) applied at the factory may vary from lantern to lantern due to the environmental conditions during the application process. Legendary Lighting and Copper Sculptures cannot guarantee the exact color finish.

Mechanical and Electrical Components

All mechanical and electrical components *with the exception of transformers* carry one-year warranty against defects in workmanship or materials.

Note: Before any service is performed, the factory must be contacted before a warranty claim can be approved. For both companies, call 1-800-235-6725 and ask for Tech Support.