

## ⚠ CAUTION ⚠

- Important operating instructions included.
- Read, understand, and follow these instructions for safe installation and operation.

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



## ⚠ DANGER ⚠

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

## ⚠ WARNING ⚠

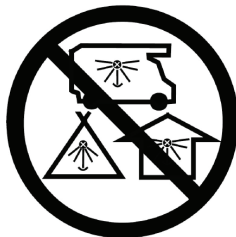
### FOR OUTDOOR USE ONLY.

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 the vicinity of this or any other appliance. A propane cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

## 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.

## ⚠ WARNING ⚠

IF THE INFORMATION IN THIS INSTRUCTION MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY, OR LOSS OF LIFE.

## ADDITIONAL WARNINGS

This appliance is a decorative outdoor gas appliance for outdoor use only and must not be used for cooking.

Install the burner system in an enclosure on a flat stable surface in an outdoor location such as a patio or deck. This location must be adjacent to the gas supply line or propane gas supply. **DO NOT** locate the appliance where it will get wet.

### **WARNING**

- Children and adults should be alerted to the hazards of high surface temps and open flames and should stay away to avoid burns or clothing ignitions
- Young children should be carefully supervised when they are in the area of the appliance.
- Clothing or other flammable materials should not be hung from appliance or placed on or near the appliance.
- Any guard, barrier or other protective device removed for servicing the appliance shall be replaced prior to operating the appliance.

### **WARNING**

Do NOT burn solid fuels in this gas appliance.

### **WARNING**

Installation and repair should be performed only by a qualified service person. More frequent cleaning and maintenance may be as necessary. It is imperative that the burner, controls, and circulating air passageways of the appliance are kept clean.

Pitts & Spitts recommends the use of NFI Certified Gas Professionals.

### **WARNING**

#### ASPHYXIATION RISK

- This gas appliance is for outdoor use in a well ventilated space.
- This unit must NOT be installed in an enclosed structure.

### **WARNING**

**DO NOT USE** this appliance if any part has been underwater. Have an authorized service technician inspect the appliance and replace any component in the control system or gas supply which has been underwater.

### **WARNING**

#### SHARP EDGES

Wear protective gloves and safety glasses during installation.

### **WARNING**

Inspect appliance and components for damage. Damaged parts may impair safe operation.

Do NOT install damaged, incomplete, or substitute components.

Report damaged parts to your dealer.

### **WARNING**

Pitts & Spitts disclaims any responsibility for, and the warranty will be voided by, the following actions:

- Installation and use of any damaged components
  - Modification of the burner assembly.
  - Installation other than as detailed in this manual.
- Any such action may result in a fire or explosion causing property damage, personal injury, or death

## ADDITIONAL WARNINGS

### FOR OUTDOOR USE ONLY

#### ⚠ WARNING ⚠

##### What qualifies an area as an outdoor space?

To qualify as an outdoor space, the area in which the appliance is installed must be no more restrictive than the following configurations:

- Walls on all four sides with no overhead cover.
- A partial enclosure with an overhead cover and two side walls. Walls can be parallel to each other or at right angles to each other.
- A partial enclosure that includes an overhead cover and three side walls where 30 percent of the surrounding side wall area is permanently open.

#### ⚠ WARNING ⚠

##### FIRE AND EXPLOSION RISK: VERIFY INLET PRESSURES

- High pressure may cause an over-fire condition.
- Low pressure may cause delayed ignition and explosion.
- Minimum pressure must be verified when ALL household appliances are operating.

AN APPLIANCE REGULATOR MUST BE INSTALLED UPSTREAM OF THE APPLIANCE FOR ALL PRESSURES ABOVE 14 IN. WC FOR LIQUID PROPANE AND ALL PRESSURES ABOVE 11 IN. WC FOR NATURAL GAS.

### FUEL TYPE

- Before making any gas connections, ensure the appliance being installed is compatible with the available gas type.

### GAS PRESSURE

- Proper input pressures are required for optimum performance and safety. Gas line sizing is EXTREMELY important and should be performed only by a qualified gas professional. Supply line sizing requirements need to be made following ANSI Z223.1/NFPA 54.
- Pressure requirements for the appliance are shown in the table below. Pressure readings must be attained WHILE THIS APPLIANCE AND ALL OTHER GAS APPLIANCES ARE IN OPERATION.
- Although it is safe to operate at minimum pressure, the unit should be operating at the ideal inlet pressure, shown in the table below.

### GAS SUPPLY AND CONNECTION

- All fixed fuel piping (hard-piped) systems shall be installed in accordance to local building codes; if none exist, ANSI Z223.1/NFPA 54 should be followed.
- Installation of fixed fuel piping (hard-piped) systems should be performed only by authorized installers approved and/or licensed as required by the locality.
- A dedicated manual shut-off valve shall be installed upstream of this appliance and its controls.
- This appliance and its dedicated manual shutoff valve need to be disconnected from the main gas supply system during any pressure testing in excess of 1/2 psi (3.5 kPa).
- This appliance must be isolated from the main gas supply by closing its dedicated manual shut off valve during any pressure testing of the gas supply system at test pressures equal to or less than 1/2 psi (3.5 kPa).

## ADDITIONAL WARNINGS

### GAS PRESSURE

MINIMUM INLET PRESSURE		MAXIMUM INLET PRESSURE		IDEAL INLET PRESSURE	
PROPANE	NATURAL GAS	PROPANE	NATURAL GAS	PROPANE	NATURAL GAS
8.0 in. WC (2.0 kPa)	3.5 in. WC (.87 kPa)	14.0 in. WC (3.5 kPa)	10.5 in. WC (2.6 kPa)	11.0 in. WC (2.7 kPa)	7.0 in. WC (1.7 kPa)



**WARNING:** This product can expose you to chemicals including Carbon Monoxide and Benzene which are known to the State of California to cause cancer or birth defects or reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## ADDITIONAL WARNINGS

### LEAK CHECK AND LINE PURGE

**Once the gas piping system is in place, all fittings and connections need to be checked for leaks.**

Using a commercially-available, non-corrosive leak check solution.

Once leak test is complete, be sure to rinse off all remaining leak check solution from the gas piping systems.

#### **WARNING**

#### **FIRE RISK EXPLOSION RISK ASPHYXIATION RISK**

- Check all fittings and connections
- Do not use an open flame
- Eliminate possible ignition sources such as open flames and sparks during leak check.
- Presence of gas leaks can lead to high levels of carbon monoxide. If leaks are detected, ensure proper ventilation is available to expedite the dissipation of leaked gas.

**After leak check has been performed and the gas supply system is leak free, a purge of the air in the supply line should be performed in order to ensure a safe first ignition of the appliance.**

#### **WARNING**

**Installation and repair should be performed only by a qualified service technician.**

### ADDITIONAL GAS SUPPLY INFO

For propane installations using a non-disposable, self-contained propane supply system (20 lb. propane tank and the manufacturer supplied regulator hose):

- The propane cylinder use with this appliance must be constructed and marked in accordance with the U.S. Department of Transportation. Specifications for propane-gas cylinders, or the standard for cylinders, spheres and tubes for transportation of dangerous goods and commission, CAN/CSA-B339, as applicable.
- The propane cylinder must be provided with a listed overfilling prevention device (OPD).
- The propane cylinder must be compatible with the regulator hose supplied by the manufacturer with this appliance.

#### **WARNING**

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

#### **WARNING**

#### **FIRE RISK EXPLOSION RISK**

- Gas build-up during purge may ignite.
- Purge should be performed by an authorized gas technician.
- Eliminate possible ignition sources such as open flames and sparks during leak check.
- Ensure adequate ventilation.