

# Owner's Manual



Model number FMPPC2-2  
Series number 5995

58,000 Btu/h

**DESTINATION**  
*gear*

FMPPC2-2\_5995.V3

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**DESTINATION**  
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**FIRE BOWL**

# Owner's Manual

Model number FMPPC2-2, Series 5995 - Tested by CSA International. **ANSI Z21.97-2017/CSA 2.41-2017 Outdoor Decorative Gas Appliances**

## **DANGER:**

**If you smell gas:**

- 1 Shut off gas to the appliance.**
- 2 Extinguish any open flame.**
- 3 If odor continues, leave the area immediately.**
- 4 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.**

## **WARNING:**

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

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

## **WARNING:**

**Don't burn yourself! Do not touch or handle the firebowl when hot! To avoid injury always allow the firebowl to cool down for at least 30 minutes before moving and handling the appliance.**

## **WARNING:** For outdoor use only.

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

## **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:**

**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:**

**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.**

### **NOTE TO INSTALLER:**

**Leave this manual with the appliance.**

### **NOTE TO CONSUMER:**

**IMPORTANT. Retain this manual for future reference. Read carefully.**

## **LP SAFETY:**

- Do not store a spare LP-gas cylinder under or near this appliance.
- Never fill the cylinder beyond 80 percent full.
- If the information in "(a)" and "(b)" is not followed exactly, a fire causing death or serious injury may occur.

Do not use this appliance under overhead combustible surfaces.

### **MINIMUM CLEARANCES:**

- Bottom:** Non-Combustible Surface
- Top:** 2 m / 80 in
- Sides:** 0.9 m / 36 in
- For Installation on (or over) non-combustible floors only

**Input:** 58,000 Btu/h (17 kW) and manifold pressure:  
11 in wc (2.74 kPa)

**Min. gas supply for input adj.** 11 in wc (2.74 kPa)

**Max. gas supply:** 11 in wc (2.74 kPa)

**Injector Size\*** 2.32 mm

\* Injector size marked clearly on the gas valve orifice.

**Type of Gas:** Propane (LP)

This appliance shall be used only outdoors in a well-ventilated space and shall not be used in a building, garage or any other enclosed area.

The gas supply must be turned off at the LP-gas supply cylinder when this appliance is not in use.

Indoor storage of this appliance is permissible only if the cylinder is disconnected and removed from the appliance.

Cylinders must be stored outdoors in a well-ventilated area out of the reach of children.

Disconnected cylinders must have threaded valve plugs tightly installed and must not be stored in a building, garage or any other enclosed area.

The gas pressure regulator provided with this appliance must be used and must be the same model as supplied with the unit.

The cylinder supply system must be arranged for vapor withdrawal.

Cylinders used with this unit must have a collar to protect the cylinder valve.

An approved LP-Cylinder stabilizer, such as the stabilizer ring included, must be used when the appliance is in use.

Replacement parts and a list of such parts are available from HEININGER through the contact information provided on the last page of this Manual.

## **WARNING:**

**Please ensure that all adults and children which use or are near a unit in use are aware of the hazard of high-surface temperatures present on the unit during use and should use caution and stay away to avoid burns or clothing ignition.**

**Carefully supervise young children in the area of this appliance. Clothing or other flammable materials should not be hung from the appliance or placed on or near the appliance. Any guard or other protective device removed for servicing the appliance must be replaced prior to operating the appliance.**

**Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that control compartment, burners and circulating air passageways of the appliance be kept clean.**



All LP cylinders to be used with this appliance must be:

- Constructed and marked in accordance with the U.S. Department of Transportation (DOT) *Specifications for LP-Gas Cylinders*, or the *Standard for Cylinders, Spheres and Tubes for Transportation of Dangerous Goods*, CAN/CSA B339, as applicable.
- Provided with a listed overfilling prevention device.
- Provided with a cylinder connection device compatible with the connection for the appliance.
- Only a 9 kg / 20 lb LP gas cylinder is to be used for this appliance, approximately 46 cm / 18 in high & 30 cm / 12 in diameter.
- The use of an approved LP gas cylinder stabilizer, such as the one included, must be used when using this appliance in order to prevent the LP gas cylinder from tipping over.

## CONNECTION:

- Be sure the cylinder valve and appliance valves are "off".
- Place full LP gas cylinder on tank stabilizer ring.
- Center the nipple in the cylinder valve and hold in place.
- Using the other hand, turn the hand wheel clockwise until there is a positive stop. Do not use tools.
- Hand tighten only. When making the connection, hold the regulator in a straight line with the cylinder valve, so as not to cross thread the connection.**
- Leak test the connection. See section named "LEAK TEST".

## LEAK TEST:

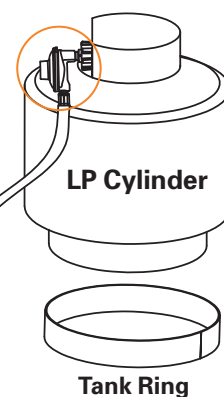
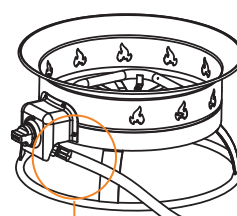
- DO NOT USE OR PERMIT SOURCES OF IGNITION IN THE AREA WHILE DOING THE LEAK TEST. THIS INCLUDES SMOKING.
- Leak testing should be done once per year or whenever the LP gas cylinder or any other gas system part is taken apart, serviced or replaced, whichever is more frequent.
- Ensure all gas system coupling joints are tight and properly attached.
- Prepare a leak testing solution of half liquid detergent and half water.
- Apply the solution to the LP gas delivery system at points as shown in illustration indicated on page 3.
- If parts of the fitting begin to produce bubbles, spray liquid, or if you smell liquid propane gas, immediately close the valve on the tank.
- Wait 5 minutes for any gas to dissipate.
- After waiting for 5 minutes, the leak(s) must be stopped by tightening the loose joints, if possible, or by replacing the faulty part(s) with the part(s) recommended by the appliance manufacturer.



## WARNING:

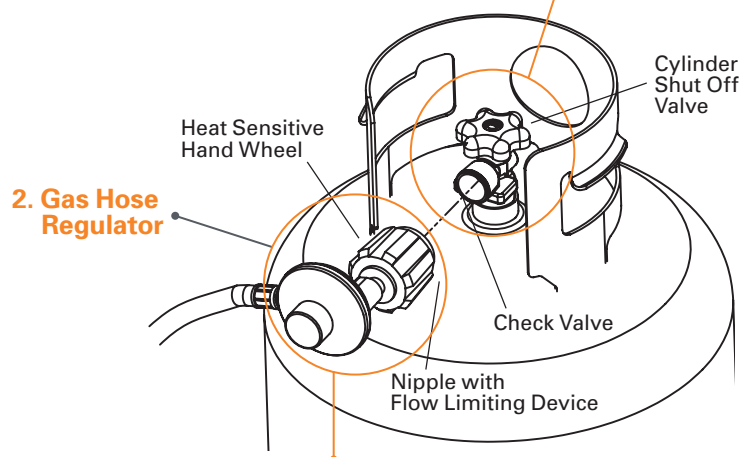
Ensure that the appliance is kept at a minimum distance of 0.91 m / 36 in from the gas cylinder.

Appliance ← Minimum 0.91 m / 36 in → Tank Ring



**LEAK TEST:** Apply the solution to the LP gas delivery system at points:  
1. Firebowl Valve Coupling  
2. Gas Hose Regulator  
3. Cylinder Valve Coupling

**3. Cylinder Valve Coupling**



**LEAK TEST:** Apply the solution to the LP gas delivery system at points. Valve coupling regulator & Cylinder Coupling.



## THE APPLIANCE IS NOT TO BE USED UNTIL ANY LEAK IS CORRECTED.

A gas appliance repairman or LP gas dealer should be called if attempts to stop the leak(s) are unsuccessful and, in such case, the LP gas supply must be shut off at the cylinder valve or the cylinder must be removed from the appliance until the leak(s) is corrected.

Should any part of this appliance (including the burner) become soiled or dirty, wipe lightly with a damp cloth. Do not use flammable or corrosive cleaning products on or near this unit.

Ensure that gas hose is placed in an area where it is unlikely to be tripped over (such as pathways or trails) or subject to other accidental damage.

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

Solid fuels shall not be burned in this appliance.

Installation must conform with local codes or, in the absence of local codes, with either the *National Fuel Gas Code, ANSI Z223.1/ NFPA 54, Natural Gas and Propane Installation Code, CSA B149.1 or Propane Storage and Handling Code, B149.2, or the Standard for Recreational Vehicles, ANSI A 119.2/NFPA 1192, and CSA Z240 RV Series, Recreational Vehicle Code*, as applicable.

## PRE-IGNITION INSPECTIONS

### GAS HOSE INSPECTION

Clean and inspect the hose before each use of the appliance.

**Attention:** If there is evidence of abrasion, wear, cuts, or leaks, the hose must be replaced prior to the appliance being put into operation.

### REPLACEMENT PARTS

Replacement parts such as gas hose and regulators, burner tubes, rocks, etc. are available by FMI Brands Inc. 1888-514-1663

### BURNER & ORIFICE INSPECTION

Inspect the burner prior to each use. Ensure the orifice holes are not plugged and the burner tube is not damaged, or compromised.

The burner must be replaced prior to the appliance being put into operation if there is evidence of damage. Replacement burners are available from FMI Brands Inc.

### BURNER TUBE INSPECTION

Inspect the burner tube under the appliance and ensure the mesh screen is in place, prior to each use.

**ATTENTION:** If the screen is dislodged perform an insect nest inspection, prior to ignition. See section 'REMOVING INSECT NESTS'.



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## SECTION 1: ASSEMBLY

**STEP 1** Enclosed are four bags of rocks, one factory installed 10' propane-rated hose with attached regulator, and one propane tank stabilizer ring.

**STEP 2** Remove the plastic bags containing the rocks, and set aside the propane stabilizer ring.

**STEP 3** Open the two bags containing mid-sized rocks, labelled conveniently for you "M" and arrange in burner area.

**STEP 4** Open the single bag containing larger sized rocks, labelled conveniently for you "L" and arrange on top of the medium sized rocks.

**Our preferred configuration is pictured here.**

Never handle rocks which have not been allowed to cool from exposure to flame. Never attempt to rearrange rocks while unit is ignited.



**STEP 5** The fourth bag of rocks are included as spares and labelled "Spare Rocks". These can be stored and used as replacements.

**Note:**

- Rocks are not to exceed a maximum weight of 2 kgs or 4.4 lbs.

### NOTE TO USER:

Before igniting the unit for the first time, follow steps one through 5 in the below Ignition section.

## SECTION 2: IGNITION

### STEP 1

Ensure that the appliance valve dial is in the "OFF" position by pushing and turning clockwise until the dial stops.



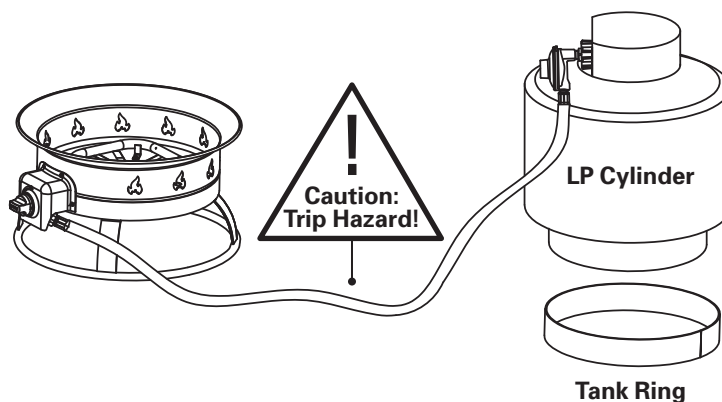
### STEP 2

Securely attach regulator (large end of hose) to your propane cylinder.



### STEP 3

Extend hose to full length and ensure that the propane tank is as far as safely possible from the Firebowl and place the tank in the included stabilizer ring.



### **WARNING:**

TRIP HAZARD! Ensure the gas hose is placed in an area where it is unlikely to be tripped over (such as pathways or trails) or subject to other accidental damage.

### **WARNING:**

The hose should not be twisted or kinked when attached to the gas cylinder. The hose should never touch the appliance. Ensure that the appliance is kept at a minimum distance of 0.91m (36 in) from the gas cylinder.





## SECTION 2: IGNITION (continued)

### STEP 4

\*\*\***SLOWLY**\*\*\* turn cylinder valve to the **FULLY** open position to avoid tripping the CSA excess flow safety device in the gas regulator. For more information about the CSA excess flow safety device see STEP 8 (**What is an Excess Flow Safety Valve? (EFV)**).

### STEP 5

Leak Test all connections. See section labeled “Leak Test” (page 4).

### STEP 6

Using a lighter or match, ignite lighter and hold flame slightly above the burner, then open the valve on the appliance slowly by turning (counter-clockwise) until the unit ignites.



### **WARNING:**

Ensure that no parts of your body, clothing, or any other combustible material are above the burner before, during and after ignition.

### STEP 7

Once the unit is burning normally set the dial to desired flame height.



### STEP 8: TROUBLESHOOTING

**GOT A LOW FLAME?:** If your firebowl experiences low flame, or flame height does not appear to be normally adjusted by the gas knob, it is likely that the gas cylinder is low in fuel, or the excess flow safety device has been tripped in the gas regulator.

#### **CORRECTIVE ACTION:**

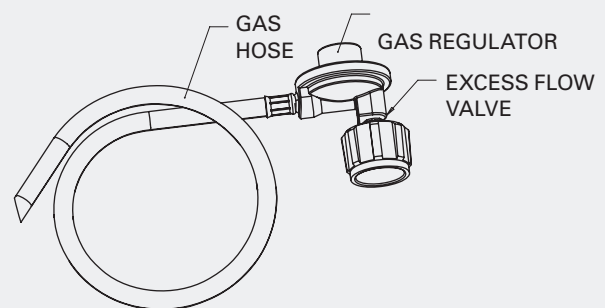
- Confirm your gas cylinder is NOT empty.
- Close the propane cylinder valve.
- Open and then close the appliance gas knob valve to release pressure.
- Be sure the appliance valve is OFF.
- Disconnect the gas hose from the propane cylinder.
- Gently tap the gas regulator housing on the ground once or twice.
- Reconnect the gas hose to the propane cylinder.
- Slowly and fully open the propane cylinder valve.

Perform a Leak Test and follow the Ignition sequence.

**TIP:** Try tapping the regulator on the ground or hard surface 3 times. Sometimes, this will reset the safety device in the regulator.

### **WHAT IS AN EXCESS FLOW SAFETY VALVE (EFV)**

The EFV is a safety mechanism contained within the gas regulator. The purpose of the EFV is to restrict the gas supply if too much gas is flowing too quickly through the gas hose. For example this could happen if the gas hose was severed. It is normal that your Firebowl EFV trips if you open the propane tank valve too quickly or if you leave the Firebowl gas knob open before lighting, or both.





## SECTION 3: PERIODIC INSPECTION OF BURNER FLAMES



Upon igniting the appliance, visually verify that the burner is indeed burning as demonstrated in the image to the left. The presence of flames will confirm that the burner is burning. Periodically check that the burner flame is present during operation by visually inspecting the burner to ensure the presence of flames.



If there are no flames present, as demonstrated in the image to the left, the appliance is likely not burning. If this is the case, **IMMEDIATELY** turn the valve to the "off" position if it is not already and repeat the ignition procedure as outlined in Section 2.

## SECTION 4: EXTINGUISHING THE APPLIANCE

### STEP 1

Turn cylinder valve to the "Closed" position.

### STEP 2

Turn appliance valve to the "Off" position by pushing and turning knob clockwise.

### STEP 3

Allow unit to cool for at least five (5) minutes before relighting.



**WARNING:**  
The rocks are HOT!



**WARNING:**

Don't burn yourself! Do not touch or handle the firebowl when hot! To avoid injury always allow the firebowl to cool down for at least 30 minutes before moving and handling the appliance. Never handle rocks which have not been allowed to cool from exposure to flame. Never attempt to rearrange rocks while unit is ignited.





## SECTION 5: FIREBOWL MAINTENANCE

### REGULAR CLEANING & MAINTENANCE

Your Firebowl requires periodic maintenance to keep it in good running order. Follow the steps below to ensure your appliance will provide you with the best possible performance:

1. Keep your Firebowl out of the rain and store it in a dry place when not in use. Your firebowl is made from steel and will naturally form rust if left out in the rain for extended lengths of time.
2. Always inspect and clear all valve and gas orifices of any foreign debris including spider webs prior to lighting. If any doubt there may be a nest inside, use a pipe cleaner up the tube. See section 'REMOVING INSECT NESTS'.
3. Clean any plugged burner orifices with a small paper clip.
4. Ensure that you clean the bowl of your firebowl after every use to keep it looking GREAT. Simply wipe the outer edge of the firebowl with a damp paper towel or cloth to remove any combustion particulates. Do not use flammable or corrosive cleaning products on or near this unit.

### LAVA ROCKS

Your non-toxic natural lava rocks will form cracks and turn brown and black under normal operating conditions. This does not affect the functionality of your firebowl.

The image shown is a visual reference on what the lava rocks will look like over time while under normal operating conditions.



### WARNING NOTES:

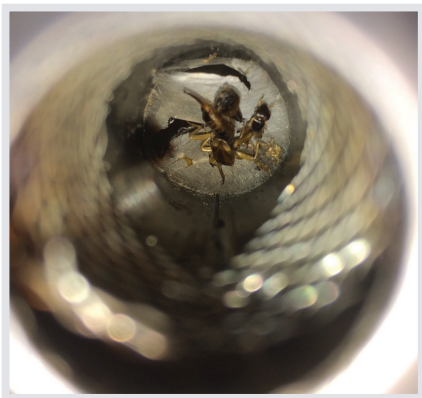
- Expected burn time; the anticipated burn time for your Firebowl using a full 20 lb (9kg) propane cylinder is between 7 and 11 hours depending on flame height setting and complete cylinder fill.
- This device has been engineered to provide the maximum amount of heat and comfort. If you experience any signs of your propane cylinder 'freezing off' or start to experience lower flames than usual, please simply turn the burner control setting to low for 5-10 minutes or replace the cylinder with a full one.
- Elevation and temperature affect the performance (flame height) of gas appliances.
- Ignite this unit only when safely placed on a non-combustible surface.
- Never use this appliance in tall grass.
- This is NOT a toy.
- Children should be supervised at all times when using this unit without exception.
- Please ensure that all adults and children which use or are near a unit in use are aware of the hazard of high-surface temperatures present on the unit during use and should use caution and stay away to avoid burns or clothing ignition.
- Do not place any objects other than supplied rocks inside the burner component of the Firebowl.
- Do not add wood or any other materials to the fire. It is designed to safely combust propane only.
- Do not connect to a remote gas supply.
- Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
- Do not leave this appliance in the rain.



## REMOVING INSECT NESTS

### **WARNING:**

Small critters like spiders and earwigs can quickly build nests inside the burner tube which can obstruct gas flow and impact the flame height and heat performance of your appliance. More seriously, a nest or blockage of the burner tube can cause a back flame event, damage to your appliance, or even extreme operator injuries!



Clean the burner tubes often and especially if the appliance has been sitting unused for a period of time. You must remove the gas valve to gain access to the burner tube for cleaning.

## BURNER TUBE CLEANING INSTRUCTIONS:

### STEP 1

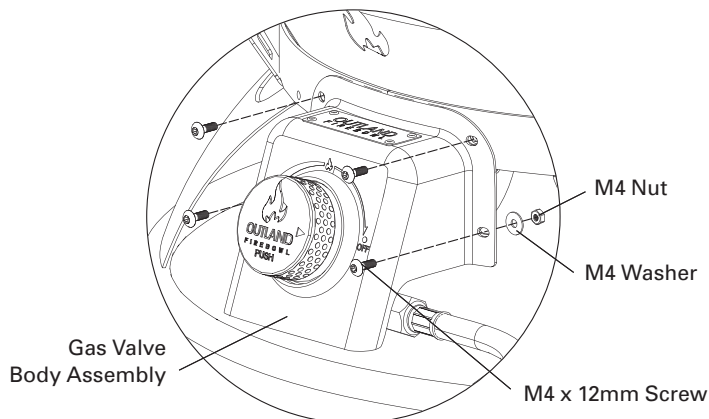
Ensure the appliance valve(s) are OFF and the cylinder valve is closed.

### STEP 2

Disconnect LPG Cylinder.

### STEP 3

Locate and remove the gas valve body assembly mounting screws and nuts.



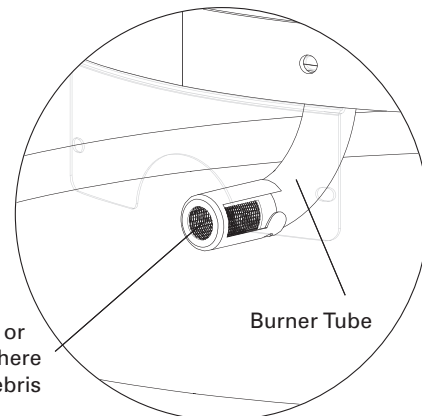
*Model may not look exactly as shown.*

### STEP 4

Remove the gas valve body assembly.

### STEP 5

Use a flashlight to look inside the burner tube. Use a long flexible pipe cleaner, or long small utensil to clean out any debris or nest material. An air tool to blow out the burner is helpful, but please wear eye protection.

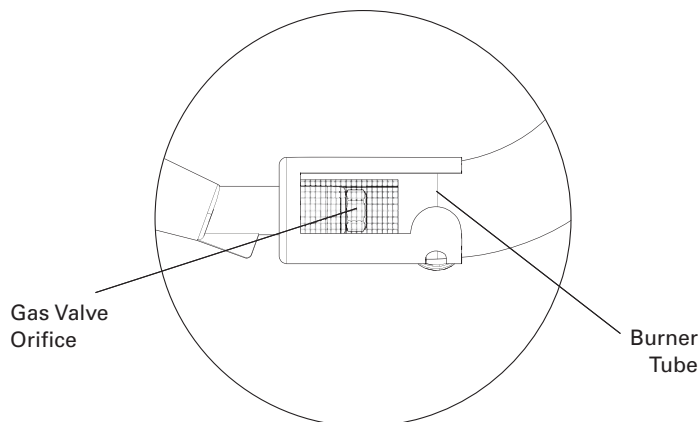


Use a pipe cleaner or long small utensil here to clean out any debris or nest material.

### STEP 6

When the burner tube is determined to be clear, reinstall the gas valve body assembly.

**IMPORTANT:** Align gas valve orifice inside burner tube.





## NOTES





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AVAILABLE BY: HEININGER

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