

Comfort Gear PPH04

Comfort Gear Portable Personal Propane Heater (PPH04) Instruction Manual

INTRODUCTION

Thank you for choosing the Comfort Gear Portable Personal Propane Heater, Model PPH04. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your heater. Please read all instructions carefully before use and retain this manual for future reference. This portable propane heater delivers 4,000 BTUs of infrared heat, capable of warming spaces up to 100 square feet. It is designed for versatility, suitable for both outdoor use and well-ventilated indoor spaces such as tents, garages, and workshops, thanks to its integrated safety features.

IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these instructions can result in fire, explosion, carbon monoxide poisoning, property damage, personal injury, or death.

- **Ventilation:** Always ensure adequate ventilation when operating the heater, especially indoors. This heater consumes oxygen and produces carbon monoxide. Carbon monoxide is an odorless, colorless gas that can cause severe injury or death.
- **Oxygen Depletion Sensor (ODS):** This heater is equipped with an ODS system designed to shut off the heater if oxygen levels become too low. Do not tamper with or disable this safety feature.
- **Tip-Over Shut-Off:** The heater will automatically shut off if it is accidentally tipped over. Ensure the heater is placed on a stable, level surface.
- **Clearances:** Maintain minimum clearances from combustible materials. Refer to the product label for specific distances.
- **Fuel:** Use only 1 lb disposable propane cylinders. Do not use larger propane tanks or attempt to refill disposable cylinders.
- **Operation:** Never leave the heater unattended while in operation. Keep children and pets away from the heater.
- **Storage:** Store propane cylinders in a well-ventilated area, away from heat sources and direct sunlight. Never store propane cylinders indoors or near ignition sources.

- **Inspection:** Before each use, inspect the heater and propane cylinder for damage or leaks. Do not use if damaged.
- **Outdoor Use:** When used outdoors, ensure the heater is protected from rain and direct moisture.

PRODUCT FEATURES

- **Instant Infrared Heat:** Provides 4,000 BTUs of direct infrared heat, warming up to 100 square feet.
- **Indoor Safe Design:** Equipped with an Oxygen Depletion Sensor (ODS) and automatic tip-over shut-off for enhanced safety.
- **Portable and Compact:** Lightweight design with a convenient carry handle for easy transport.
- **Easy Operation:** Features a simple one-button piezo ignition for quick and reliable starting.
- **No Electricity Required:** Operates solely on 1 lb propane tanks, making it ideal for off-grid use and power outages.
- **Adjustable Head:** A 45-degree angled head allows for directional heat where needed.
- **Sturdy Base:** Expandable base provides stability on various surfaces.
- **Protective Wire Guard:** Ensures safety around the heating element.

PRODUCT COMPONENTS



Front view of the Comfort Gear Portable Personal Propane Heater with a 1lb propane tank attached.



Side view of the heater, showing the control knob and carry handle.



Rear view of the heater, illustrating the adjustable head mechanism.

The heater consists of a main heating unit with a protective wire guard, an adjustable head, a control knob with piezo ignition, a sturdy base with expandable legs, and a connection point for a 1 lb propane tank.

SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove the heater from its packaging and inspect for any damage.
2. **Positioning:** Place the heater on a firm, level, non-combustible surface. Ensure adequate clearance from walls, furniture, and other combustible materials as specified in the safety section and on the product label.
3. **Expand Base:** Extend the legs of the sturdy base for maximum stability.
4. **Attach Propane Tank:**

- Ensure the heater's control knob is in the "OFF" position.
- Screw a 1 lb disposable propane cylinder into the heater's connection point. Hand-tighten only. Do not over-tighten.
- Check for leaks: Apply a soapy water solution to the connection point. If bubbles appear, there is a leak. Tighten the connection or replace the cylinder if necessary. Do not operate the heater if a leak is detected.



Attaching a 1 lb propane tank to the heater's swivel valve.

5. **Ventilation:** Confirm that the area of operation has sufficient ventilation, especially if used indoors.

OPERATING INSTRUCTIONS

1. Ignition:

- Ensure the propane tank is securely attached.
- Turn the control knob slowly counter-clockwise to the "IGNITE" position. You should hear a click as the piezo igniter sparks.
- Hold the knob in the "IGNITE" position for 10-15 seconds to allow gas to flow and the thermocouple to heat up.
- If the heater does not light, release the knob, wait 30 seconds, and repeat the ignition process.

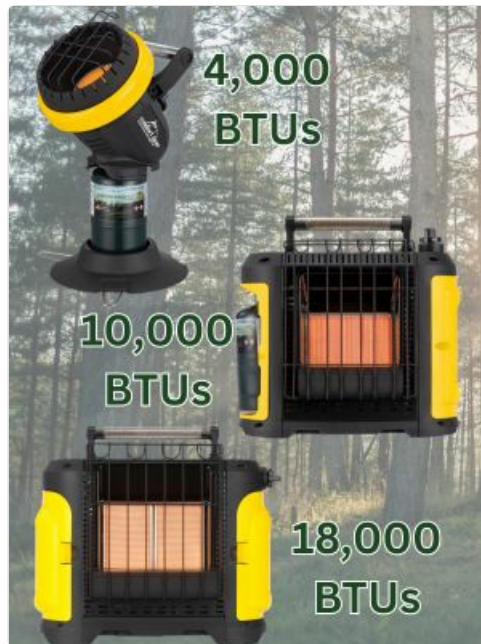


Control knob for one-button piezo ignition.



The glowing infrared heating element during operation.

2. **Adjust Heat:** Once lit, continue to hold the knob for a few more seconds, then release. The heater should remain lit. You can adjust the heat output by rotating the control knob between the low and high settings.
3. **Directional Heat:** Adjust the angle of the heater head to direct warmth as needed. The head can be tilted up to 45 degrees.



Heater tilted upwards to demonstrate the adjustable head.

4. **Shutting Off:** To turn off the heater, rotate the control knob clockwise to the "OFF" position. The flame will extinguish.
5. **After Use:** Allow the heater to cool completely before handling or storing. Disconnect the propane cylinder when not in use.

MAINTENANCE

- **Cleaning:** Ensure the heater is completely cool before cleaning. Use a soft, damp cloth to wipe down exterior surfaces. Do not use abrasive cleaners or solvents. Keep the burner and ventilation openings free of dust and debris.
- **Storage:** When not in use, disconnect the propane cylinder. Store the heater in a cool, dry place, away from direct sunlight and out of reach of children.

- **Propane Cylinder Handling:** Always handle propane cylinders with care. Do not drop or expose them to excessive heat.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|--|--|
| Heater does not light. | Propane tank empty or improperly connected. Igniter not sparking. ODS activated. | Check propane tank level and connection. Ensure igniter clicks when knob is turned. Ensure adequate ventilation and hold knob for 10-15 seconds during ignition. |
| Heater lights but goes out shortly after. | Control knob not held long enough. ODS activated due to low oxygen. Tip-over sensor activated. | Hold the control knob for 10-15 seconds after ignition. Ensure proper ventilation. Place heater on a stable, level surface. |
| Weak flame or low heat output. | Low propane level. Partially clogged burner. | Replace propane tank. Ensure burner is clean and free of debris. |
| Smell of gas. | Gas leak. | Immediately turn off the heater and propane supply. Move to a well-ventilated area. Check all connections for leaks using soapy water. Do not operate if a leak persists. Contact customer support if unable to resolve. |

SPECIFICATIONS

| Feature | Detail |
|------------------------|---|
| Model Number | PPH04 |
| Heat Output | 4,000 BTUs |
| Heating Area | Up to 100 sq ft |
| Fuel Type | Propane (1 lb disposable cylinders) |
| Approximate Run Time | Up to 5-6 hours on a single 1 lb propane tank |
| Ignition Type | One-button Piezo Ignition |
| Safety Features | Oxygen Depletion Sensor (ODS), Tip-Over Shut-Off, Protective Wire Guard |
| Dimensions (H x W x D) | 17.72" x 8" x 11.42" |
| Weight | 7.68 pounds |
| Manufacturer | World Marketing of America, Inc. |

| Feature | Detail |
|---------|--------|
|---------|--------|

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Comfort Gear customer service. Keep your proof of purchase for any warranty claims.