

## Comfort Gear PPH10

# Comfort Gear PPH10 Portable Propane Radiant Heater User Manual

Model: PPH10

## 1. IMPORTANT SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this heater. Failure to follow these instructions may result in fire, explosion, serious injury, or death.

- **Ventilation:** Always ensure adequate ventilation when operating this heater, especially indoors. This heater consumes oxygen and produces carbon monoxide. Carbon monoxide is an odorless, colorless gas that can cause 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 includes an automatic tip-over shut-off feature. If the heater is accidentally knocked over, it will automatically turn off. Ensure the heater is placed on a stable, level surface.
- **Flammable Materials:** Keep all flammable materials (paper, clothing, curtains, gasoline, etc.) at least 3 feet (0.9 meters) away from the heater.
- **Propane Gas:** Use only propane gas. Do not use other fuels. Always connect and disconnect propane cylinders outdoors in a well-ventilated area, away from ignition sources.
- **Children and Pets:** Keep children and pets away from the heater. The surface of the heater can become very hot.
- **Proposition 65 Warning:** This product can expose you to chemicals including carbon monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 2. PRODUCT OVERVIEW

The Comfort Gear PPH10 is a portable propane radiant heater designed for both indoor and outdoor use in well-ventilated areas. It offers adjustable heat settings and incorporates essential safety features for reliable operation.



Front view of the Comfort Gear PPH10 Portable Propane Radiant Heater, showcasing its compact design and protective grill.



Close-up of the heater's radiant element, illustrating the instant infrared directional heat it provides.

### Key Features:

- **High Heat Output:** Select between 5,500 or 10,000 BTUs, capable of heating areas up to 250 sq ft.
- **Portable Design:** Compact, freestanding unit with a retractable handle for easy transport.
- **Safety Mechanisms:** Equipped with an Oxygen Depletion Sensor (ODS) and an automatic tip-over shut-off.
- **Easy Ignition:** Features a one-button piezo ignition system for quick startup.

- **Fuel Versatility:** Connects to 1 lb disposable propane tanks or can be adapted for 20 lb tanks with an optional extension hose.

## 3. SETUP INSTRUCTIONS

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Follow these steps to properly set up your Comfort Gear PPH10 heater.

### 3.1 Unpacking

- Carefully remove the heater and all components from the packaging.
- Inspect the heater for any damage. Do not operate if damaged.
- Ensure all packing materials are removed from the heater before use.

### 3.2 Placement

- Place the heater on a firm, level, non-combustible surface.
- Ensure there is at least 3 feet (0.9 meters) clearance from all sides, top, and front of the heater to any combustible materials.
- For indoor use, ensure the area is properly ventilated. Never use in unventilated spaces.

### 3.3 Connecting the Propane Tank



A hand connecting a 1lb propane tank to the side port of the Comfort Gear PPH10 heater.



Close-up view of the swivel valve mechanism, designed for easy installation of the propane tank.

1. Ensure the heater's control knob is in the "OFF" position.
2. Connect a 1 lb disposable propane cylinder directly to the heater's gas inlet. Hand-tighten only. Do not over-tighten.

3. **Optional:** For use with a 20 lb propane tank, an optional extension hose and adapter are required (sold separately). Follow the instructions provided with the hose and adapter for proper connection.
4. Check all connections for leaks using a soapy water solution. Bubbles indicate a leak. If a leak is detected, turn off the gas supply immediately and tighten connections. Do not operate the heater if a leak persists.

## 4. OPERATING INSTRUCTIONS

Follow these steps to safely operate your Comfort Gear PPH10 heater.

### 4.1 Ignition



Close-up of the heater's control knob, highlighting the one-button piezo ignition system.

1. Ensure the propane tank is securely connected and there are no leaks.
2. Turn the control knob counter-clockwise to the desired heat setting (e.g., 5,500 BTU or 10,000 BTU).
3. Press and hold the control knob inward while simultaneously pressing the piezo igniter button. You should hear a click and see the radiant element ignite.
4. Continue to hold the control knob inward for 30-60 seconds after ignition to allow the thermocouple to heat up and engage the safety valve.
5. Release the control knob. If the heater does not remain lit, repeat steps 2-4.

### 4.2 Adjusting Heat Output

Rotate the control knob to select between the 5,500 BTU (low) and 10,000 BTU (high) settings as needed. Always ensure the heater remains properly ventilated.

### 4.3 Shutting Down

1. Turn the control knob clockwise to the "OFF" position.
2. Allow the heater to cool completely before moving or storing.
3. If disconnecting the propane tank, do so outdoors in a well-ventilated area.

## 5. MAINTENANCE

Regular maintenance ensures safe and efficient operation of your heater.

## 5.1 Cleaning

- Ensure the heater is completely cool and disconnected from the propane supply before cleaning.
- Wipe the exterior surfaces with a damp cloth. Do not use abrasive cleaners or solvents.
- Keep the radiant surface and air intake/exhaust areas free from dust and debris. Use a soft brush or vacuum cleaner if necessary.

## 5.2 Storage

- Store the heater in a cool, dry place, away from direct sunlight and extreme temperatures.
- Disconnect the propane tank before storing. Never store a propane tank indoors or in an enclosed vehicle.
- Store the heater in its original packaging or cover it to protect it from dust.

## 6. TROUBLESHOOTING

If you encounter issues with your heater, refer to the following common problems and solutions.

| Problem                                            | Possible Cause                                             | Solution                                                                                                                                    |
|----------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Heater does not ignite.                            | No propane supply, igniter issue, air in line.             | Check propane tank level and connection. Ensure control knob is pressed in during ignition. Purge air by attempting ignition several times. |
| Heater ignites but goes out when knob is released. | Thermocouple not heated sufficiently, faulty thermocouple. | Hold control knob in for a longer period (30-60 seconds) after ignition. If problem persists, contact customer support.                     |
| Heater shuts off unexpectedly during operation.    | Low oxygen (ODS activated), heater tipped over, low fuel.  | Ensure adequate ventilation. Check if heater was tipped. Check propane tank level.                                                          |
| Weak flame or low heat output.                     | Low propane, partially clogged burner.                     | Replace propane tank. Ensure burner is clean and free of debris.                                                                            |

If troubleshooting steps do not resolve the issue, do not attempt to repair the heater yourself. Contact customer support for assistance.

## 7. SPECIFICATIONS

| Feature          | Specification       |
|------------------|---------------------|
| Brand            | Comfort Gear        |
| Model Number     | PPH10               |
| Heat Output      | 5,500 - 10,000 BTUs |
| Heating Coverage | Up to 250 sq. ft.   |
| Fuel Type        | Propane             |

| Feature              | Specification                                                   |
|----------------------|-----------------------------------------------------------------|
| Indoor/Outdoor Usage | Indoor (with proper ventilation), Outdoor                       |
| Product Dimensions   | 7.83"D x 15.35"W x 15.51"H                                      |
| Item Weight          | 10.1 pounds                                                     |
| Special Features     | ODS System, Portable, Protective Grill Guard, Tip-Over Shut-Off |
| Ignition Type        | One-button Piezo                                                |

## 8. WARRANTY & SUPPORT

### 8.1 Warranty Information

This Comfort Gear PPH10 Portable Propane Radiant Heater is backed by a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, modification, or unauthorized repair.

### 8.2 Customer Support

For technical assistance, warranty claims, or to inquire about replacement parts, please contact Comfort Gear customer support. Refer to the contact information provided in your product packaging or visit the official Comfort Gear website for current support details.

Please have your model number (PPH10) and proof of purchase available when contacting support.

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### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**