

 pureHeat **2-in-1**  
BY GREENTECH



**Owner's Manual**

## TABLE OF CONTENTS

About pureHeat 2-in-1 .....	3
Features .....	3
Specifications .....	3
Product Contents .....	4
Warnings .....	4
Unit Diagram .....	5
Control/Remote/LCD Diagrams .....	6
Unit Setup .....	7
Using pureHeat 2-in-1 .....	7 - 8
Maintenance.....	9
Cleaning.....	10
Warranty.....	11

## RECORDS

**Please record the name and phone number of your Dealer.**

Name: \_\_\_\_\_

Phone #: \_\_\_\_\_

**Please record the serial number of your pureHeat 2-in-1.**

Serial #: \_\_\_\_\_

# ABOUT PUREHEAT 2-IN-1

pureHeat 2-in-1 is the most complete and advanced space heating system on the market. It heats using a cutting-edge PTC (Positive Thermal Coefficient) element that heats the air efficiently without drying it out. It purifies your air with PCO technology that features a high power germicidal UVC bulb. This bulb creates a purifying plasma that reduces mold, bacteria, and viruses (even on surfaces) so the months spent with doors and windows closed no longer means months spent in a stuffy indoor environment.

pureHeat 2-in-1 is designed to provide years of trouble-free service when used and maintained according to this Owner's Manual. The pages of this manual will guide you through proper operation and maintenance.

## FEATURES

- PTC Infrared Heating Element
- PCO Air Purification Technology
- LCD Display
- Unit Control Panel
- Simple Remote
- Quiet Mode
- Overheat Safety Shut Off
- Tip-Over Safety Shut Off

## SPECIFICATIONS

Model Number:	PH2IN117A
Power Input:	120 VAC/60Hz
Power Usage:	up to 1500W
Heat Output:	5000 BTU
Unit Dimensions:	11.5" H x 7" W x 13" D
Unit Weight:	14 lbs
Protection Rating:	ETL Canada & US by Intertek
Warranty:	3 Years

# PRODUCT CONTENTS

1 - Owner's Manual

1 - pureHeat 2-in-1 Heater

1 - Remote Control

## WARNINGS

For your safety and the safety of the product, please read through the warnings below before beginning installation, use, or maintenance.

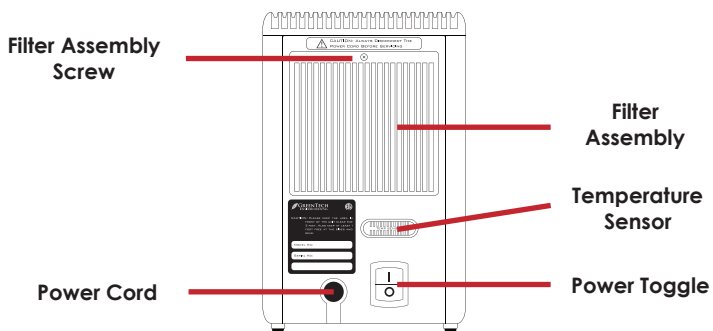
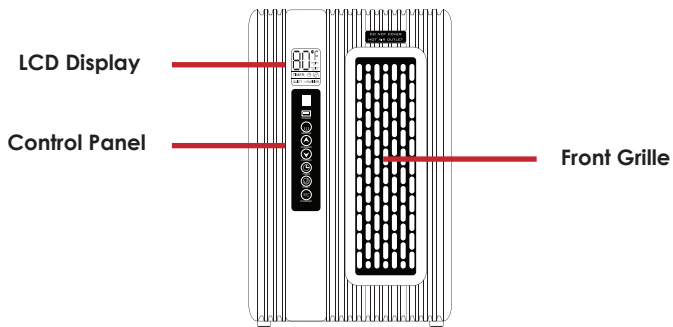


- Disconnect power before servicing.
- Connect to properly grounded outlets only. Do not use if plug does not fit securely.
- Do not cover the unit with any type of fabric.



- Do not operate the unit outdoors in inclement weather.
- Ensure any extension cable used has at least a 15A Current Rating.
- Do not insert any foreign objects into the Front Grille.
- Do not run the Power Cord under carpeting, rugs, or any other covering.
- Do not operate pureHeat 2-in-1 near any open sources of water.
- Keep combustible materials such as papers, furniture, and curtains at least 3 Feet away from pureHeat 2-in-1.
- Do not immerse in water to clean.
- Young children should be supervised when they are near the heater.

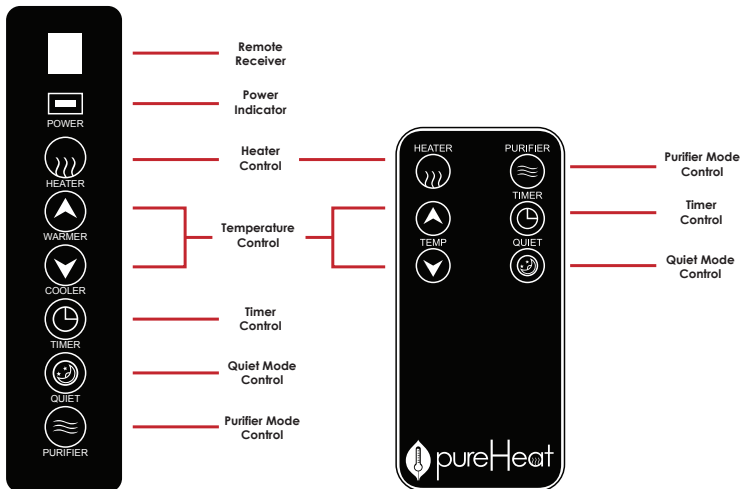
# UNIT DIAGRAM



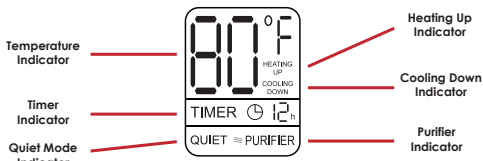
FOR YOUR SAFETY, READ ALL WARNINGS & CAUTIONS (PAGE 4) AND UNIT USE (PAGE 7-8) BEFORE USING YOUR PUREHEAT 2-in-1.

# CONTROL/LCD DIAGRAMS

## Control Panel/Remote Control



## LCD Display



# UNIT SETUP



**INSPECT THE PUREHEAT 2-IN-1 FOR DAMAGE BEFORE SETUP OR USE.**

1. Unpack the unit by cutting open taped areas. Fold back box flaps and gently turn entire box upside down. Lift box off of styrofoam packed contents. Remove styrofoam, turn upright. We recommend keeping packing materials for future transport or storage of unit.
2. Find a level and unobstructed location to place heater away from cold walls (outside walls).
3. Plug the POWER CORD into a grounded outlet (120V, 15A or higher).
4. Activate the REMOTE by removing the plastic shipping guard from the battery compartment.

## USING PUREHEAT 2-IN-1



**READ ALL WARNINGS & CAUTIONS (PAGE 4) BEFORE USING YOUR PUREHEAT 2-IN-1.**

### Turning the Unit On/Off

- Turn the unit on by pressing the "I" on the POWER TOGGLE (Unit Rear).
- Turn the unit off by pressing the "O" on the POWER TOGGLE (Unit Rear).
- Always unplug the unit when not in use.

### Heater Mode

- Press the HEATER CONTROL button to activate the Heater Mode. (This will also automatically activate Purifier Mode. To toggle Purifier Mode on or off, press the PURIFIER CONTROL button.) Set the desired temperature using the TEMPERATURE CONTROL buttons. You may select a temperature from 60 to 90 degrees Fahrenheit.

### Purifier Mode

- Toggle the Purifier Mode on or off at any time that the unit is turned on by pressing the PURIFIER CONTROL button.

# USING PUREHEAT 2-IN-1 (continued)

## Standby Mode

- When the room exceeds set temperature by 2 Degrees F the heater goes into "STANDBY MODE", essentially turning off except the temperature sensor. After that, when the room drops 2 Degrees F below the set temperature, the heater comes back to normal operation. This is because the heater radiates a small amount of heat even when the fan is on the lowest setting, which would cause the heater to continue raising the temperature of a small room indefinitely were it not for the "STANDBY MODE" feature.

## Timer Function

- Set the TIMER FUNCTION by pressing the TIMER CONTROL button to activate it.
- Press the TIMER CONTROL button once for each additional hour desired (1 - 12 hours).
- If you press the TIMER CONTROL button again once the TIMER INDICATOR on the LCD DISPLAY reads "12h" the TIMER FUNCTION will be deactivated.
- If the Heater & Purifier Modes are active and you set the timer, it will turn both modes off after the designated time has elapsed.
- If either the Heater or Purifier Modes are independently active and you set the timer, it will turn the active mode off after the designated time has elapsed.
- If neither the Heater or Purifier Modes are active (nothing is active) and you set the timer, it will turn ON both the Heater and Purifier Modes after the designated time has elapsed.

## Quiet Function

- If you feel the unit is too loud for your environment, such as when you are sleeping, press the QUIET MODE CONTROL button. The unit continues to heat, humidify, and purify according to active modes, but the fan runs on the most silent speed.

## Audible Notifications

- When the heater reaches the set temperature it will produce an audible tone to let the customer know. It will produce the same tone when it goes into "STANDBY MODE".



# MAINTENANCE



**DISCONNECT PUREHEAT 2-IN-1 FROM THE OUTLET BEFORE ANY MAINTENANCE OR CLEANING.**

## Replacing the PCO Cell

After some time the "Replace UV BULB" indicator may appear on your LCD SCREEN. This indicates that you need to replace your PCO Cell. You may purchase a replacement PCO Cell through your GreenTech Environmental Authorized Distributor. If your distributor is not available, please visit [www.GreenTechEnv.com](http://www.GreenTechEnv.com) to contact us regarding ordering a PCO Cell directly.

1. Remove the FILTER ASSEMBLY by following steps 1 through 3 of "Cleaning the Filter".
2. Unplug the old PCO Cell by squeezing and disengaging the electrical adapter in the lower right hand region of the rear of the unit.
3. Unscrew both of the plastic coated brass thumbscrews from their posts. Set the thumbscrews aside where you will not misplace them.
4. Slide the old PCO Cell straight out of the rear of the unit.
5. Slide the new PCO Cell straight into it's place in the rear of the unit.
6. Screw both thumbscrews back onto their post until snug.
7. Connect the new PCO Cell by plugging in the electrical adapter to it's socket until it clicks into place.
8. Replace the FILTER ASSEMBLY by following steps 7 through 9 of "Cleaning the Filter".

# CLEANING



**DISCONNECT PUREHEAT 2-IN-1 FROM THE OUTLET BEFORE ANY MAINTENANCE OR CLEANING.**

## Cleaning the Filter

The filter should be cleaned every 30 days or more often if you find that the filter is collecting visible particulate.

1. Unplug the POWER CORD from the outlet.
2. Remove the FILTER ASSEMBLY SCREW using a screwdriver. Place the screw aside where you will not misplace it.
3. Slide the FILTER ASSEMBLY straight out of the rear of the unit until it is free.
4. Carefully remove the FILTER from the FILTER ASSEMBLY.
5. Use a vacuum cleaner to remove built up particulate from the FILTER.
6. Carefully replace the FILTER in the FILTER ASSEMBLY.
7. Slide the FILTER ASSEMBLY straight in to the rear of the unit until it is properly seated.
8. Replace the FILTER ASSEMBLY SCREW using a screwdriver. Tighten until snug.
9. Plug the POWER CORD back into the outlet.

## Cleaning the Unit

1. Unplug the POWER CORD from the outlet
2. Carefully wipe the exterior of the unit with a soft, damp (not wet) cloth and dry thoroughly with a soft, dry cloth. Do not use harsh or abrasive cleaners as these may damage the aesthetic finish of the unit.
3. Remove particulate that may have gathered in the FRONT GRILLE using a vacuum with a brush attachment.