

Comfort Glow™

Model#: QEH1500, QEH1501

Quartz Infrared
Electric Heater

Installation Instructions and Homeowner's Manual

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



Comfort Home Products, Inc.
12256 William Penn Hwy, Suite A
Huntingdon, PA 16652
Made in China
Printed in China

FOR YOUR SAFETY

**DO NOT STORE
OR USE GASOLINE OR
OTHER FLAMMABLE VAPORS
OR LIQUIDS
IN THE VICINITY OF THIS OR
ANY OTHER APPLIANCE**

COMFORT GLOW PHONE NUMBER: (814) 643-1775
<http://www.worldmktng.com>

ANSI/UL 1278. MOVABLE AND WALL-OR CEILING HUNG ELECTRIC ROOM HEATERS

**INSTALLER: DO NOT DISCARD THIS MANUAL - LEAVE FOR HOME OWNER
CUSTOMER: PLEASE RETAIN THIS MANUAL FOR FUTURE USE**

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PLEASE READ THE INSTALLATION & OPERATIONS INSTRUCTIONS
BEFORE USING THIS APPLIANCE

IMPORTANT: Read all instructions and warnings carefully before starting installation. Failure to follow these instructions may result in a possible electric shock, fire hazard and will void the warranty.

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SPECIFICATIONS

Electrical:

Voltage: 120V, 60HZ

Power Consumption: 750W, 1500W (+5%, - 10% tolerance)

Features:

Remote Control

Room Temperature Display

High & Low Heat Settings

Washable Air Filter

Overheat Protection

Dimensions:

Product Dimensions: H 17.6" x W 13.2" x D18.7"

Box Dimensions: H 20.9" x W 16.5" x D 22.8"

Product Weight: 31.5 lbs.

Shipping Weight: 35.3 lbs.

IMPORTANT SAFETY INSTRUCTIONS

PLEASE RETAIN THIS USER'S GUIDE FOR FUTURE REFERENCE

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to person, including following:

1. Read all instructions before using this appliance.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. The grill directly in front of the heater outlet becomes hot during heater operation. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet from the front of the heater and keep them away from the sides and rear.
3. **CAUTION: Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.**
4. **Always unplug heater when not in use.**
5. **Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to an authorized service facility for examination, electrical or mechanical adjustment, or repair.**
6. Do not use outdoors.
7. This heater is not intended for use in bathrooms, laundry areas or similar indoor locations. Never locate the heater where it may fall into a bathtub or other water container.
8. Do not run cord under carpeting. Do not cover cord with throw rugs, runners or similar coverings. Arrange cord away from traffic areas and where it will not be tripped over.
9. To disconnect heater, turn controls to off, then remove plug from outlet.
10. Always connect to properly grounded, fused, and polarized outlets.
11. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage to the heater.
12. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
13. **CAUTION:** This heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored. This heater should not be used as a drying rack for clothing.
14. Do not modify this heater. Use it only as described in this manual. Any other use, not recommended by the manufacturer, may cause fire, electric shock or injury to persons.
15. Avoid the use of an extension cord because it may overheat and cause a fire hazard. However if you have to use an extension cord, the cord shall be 14 AWG minimum size and rated not less than 1875 watts. Always use the shortest extension cord that is safe.
16. Always use a certified electrician should new circuits or outlets been required.
17. Always use ground fault protection where required by electrical code.
18. Always disconnect power before performing any cleaning, maintenance or relocation of the heater.

SAVE THESE INSTRUCTIONS!

Grounding

This heater is for use on 120 volts. The cord has a plug with three blades for proper grounding. DO NOT attempt to modify the plug in any way or use adaptors to defeat the purpose of the grounding feature. Plug ONLY into a receptacle that accepts three-blade plug.

ZONE HEATING SAVES!

The concept of Zone Heating is simple. Use High Efficiency heaters to heat the rooms you use most, during the times you use these areas and turn back the thermostat to your central heating system. To achieve the maximum benefit it is important to understand your heater and where best to locate it.

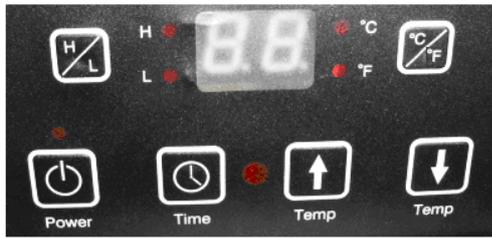
Our COMFORT GLOW Infrared Heater provides clean and economical heat by utilizing a two stage heating process. The heating process of our Infrared Heater draws filtered air into ‘the box’ where it is initially warmed by a resistance heating element. The blower then channels the warm air past the infrared heat elements boosting the temperature even further. The warm air passes the copper reflector as it exits the heater further enhancing the heat. When properly located, the fan will project the accumulated warmth throughout the room.

Please follow these suggestions:

1. Close doors to areas you do not wish to heat.
2. Locate a three prong outlet along an interior wall if possible. Position the heater so that the warm air can blow unobstructed across the room towards the exterior walls.
3. Check your windows and doors for the infiltration of cold air and insulate as needed to avoid heat loss. Rapid heat loss will minimize the effectiveness of your Infrared heater as it would any conventional type heater.
4. Keep the area around the heater free of obstructions to insure maximum airflow. Keep electrical cords, drapery, furniture, and other combustibles 3 feet (0.9 M) away from the front of the heater and away from the sides.
5. Avoid locating your heater in high traffic areas or in direct sunlight.
6. Avoid locating your heater near your central heating thermostat.

HEATER OPERATION

Plug your Infrared Heater power cord into a 120V, 15amp or 20amp three-bladed receptacle.



Control Panel



Remote Control

To Turn the Heater On: Turn on the main power on/off switch on the **rear panel** of the heater. Then



press the Power button **POWER** on the control panel or on the remote control.

To Set the Temperature: Press up  or down

 button on the control panel or on the remote control to the desired temperature. When desired temperature is reached, the heater will stop heating automatically. When the temperature drops below the desired temperature, the heater will come on again.

To Set the Heating Level: Press the heat button

 on the control panel or remote control to switch between high and low heat and the corresponding High (H) or low (L) LED will be lit.

To Set Running Time: Press  on the control panel

or remote control, numbers 0 to 8 will appear on screen. 0 means there is no set running time and heater will be running continuously. Number 1-8 mean the number of hours that the heater will run before it automatically stops.

To change between °C and °F: Press 

Helpful Tips:

- 1) If heater will not turn on, **check main power switch** on rear of heater.
- 2) Check air filter, clean as needed
- 3) If your room has minimal heat loss, and is closed off to cooler areas you may be able to reduce the cost of operation by setting the heater to **low** after the room has reached a comfortable temperature.
- 4) If remote is lost, you can still operate the heater manually.
- 5) Do **not** drag your heater across the room by pulling it by the cord. Stow cord on cord wrap when not in use.
- 6) Use the timer to turn off your heater and save energy.
- 7) **Cool Down** feature: When the thermostat cycles “off” or when you turn the unit off, the fan will continue to run for a few moments to finish distributing the heat and to cool down the interior of the heater.

FILTER MAINTENANCE

Your heater is equipped with a washable filter. For proper operation this filter must be kept clean. If the heater is used without the filter dirt and dust can accumulate inside and may cause the unit to smell while in operation or other problems. Use without a filter will void your warranty.

- 1) **WARNING!** Make sure the power is turned off before performing any maintenance. Turn off heater, by using the main power switch on the rear of the unit and unplug the heater.
- 2) Remove the filter from the rear of the heater.
- 3) Vacuuming will generally clean the filter in most cases.
- 4) If dirt remains, rinse filter with warm tap water through the rear side of the filter (opposite of air intake direction) until clear of dust and debris.
- 5) If the filter is extremely dirty or clogged with grease, you can soak the filter in a mild solution of dish soap and water, and repeat sensing process.
- 6) Shake filter to remove excess water and lay on clean cloth or paper towels to dry. Do not use heat source to dry filter.
- 7) Replace filter in heater **ONLY** after it is completely dry.

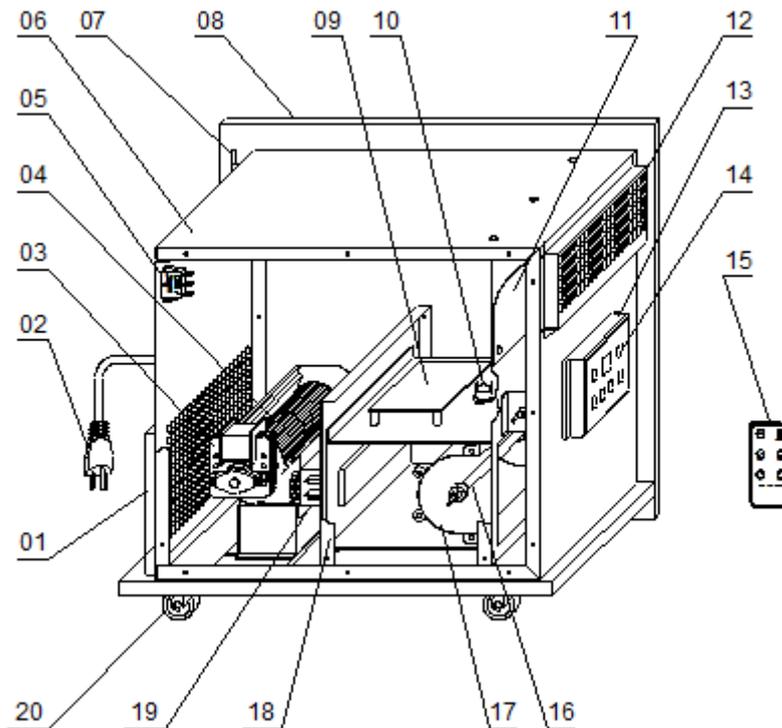
WARNING! Do not use this product if any part has been under water.

TROUBLE SHOOTING

PROBLEM	CORRECTIVE ACTION
1. Heater does not blow warm air	a. The room temperature is higher than the thermostat setting. b. Check to be sure unit is on HIGH setting.
2. No Power to heater	a. Check circuit breaker, Reset as needed or plug into a different outlet. b. Make sure main switch on rear of unit is switched to on position. c. Over heat safety control activated. Remove blockage from filter and around heater. Unplug heater for 10 to 20 minutes. Unit should then operate normally.

REPLACEMENT PARTS LIST

Exposed Drawing of Parts – Model# QEH1500 / QEH1501



ITEM	DESCRIPTION	OEM
01	Filter	ND-48/01
02	Power cord and plug	ND-48/02
03, 04, 19	Heater/Blower Assembly	ND-48/03,04,19
05	Main power switch	ND-48/05
06	Metal cabinet	ND-48/06
07	Temperature sensor	ND-48/07
08	Wooden Box	ND-48/08
09	Circuit board	ND-48/09
10	Overheat switch	ND-48/10
11	Upper heat reflector	ND-48/11
12	Front grill	ND-48/12
13, 14	Control Assembly with button switches	ND-48/13,14
15	Remote Sender	ND-48/15
16	Quartz Tube	ND-48/16
17	Lower heat reflector "U"	ND-48/17
18	Heat chamber	ND-48/18
20	Castors	ND-48/20