

Comfort Furnace

Wood Model- CF1500UV-WT, CF1500UV-XO
Plastic Model- CF1500UV-P

Owner's Manual

Save these Instructions

Includes:
Application Guidelines
User Information & Guidelines
Operating Instructions
Warranty & Servicing



CF1500UV-WT



CF1500UV-WO



CF1500UV-P

Congratulations on Your Purchase!

Congratulations on purchasing your Therapeutic Quartz Infrared Heater and UV Light Air Sterilizer!

What is Infrared Heat and How Does it Work?

Infrared heat uses a shorter wave length and is able to penetrate solid objects. By doing so, such objects in the room then give off heat. Instead of just heating the air around you, infrared heat will warm any object that it makes contact with, including your body.

Comfort Levels and Therapeutic Benefits of Infrared Heat

The Comfort Furnace will heat a room evenly from floor to ceiling. Even rooms with high ceilings are not a problem, because the room is heated evenly. There is no need for a fan to circulate the heat. The Comfort Furnace infrared heater is a true infrared heating system that contains four infrared heating elements.

There are many other advantages of infrared heat. First, it warms the body faster than a conventional heater. The infrared heat penetrates the body, and energy that flows into the body is absorbed more quickly. The end result is that a 68 degree room, heated with infrared heat, would feel more like 72 degrees. Thus, if you set the thermostat back 4 to 5 degrees, you experience the same comfort level as a 72 degree room, but using less energy to keep you warm.

Germs and Bacteria Deactivating Air Sterilizer

The Comfort Furnace also sterilizes the air that passes through the Ultraviolet Light (UV light), When the air is brought in through the back, the germicidal UV lamps installed inside effectively deactivates germs and bacteria. PLUS, four infrared heating elements heat the air inside the chamber to a temperature between 180 and 200 degrees, which is capable of eliminating germs and other airborne pests.

Since the Comfort Furnace has no ductwork, there is no place for bacteria, mold, or dust pollen to accumulate. Most homes have the heating and air conditioning using the same air ducts. These ducts accumulate dust, bacteria, mold, germs, and other contaminants. If not cleaned properly, this can cause allergies and respiratory problems, and may adversely affect people with asthma as well.

Energy-saving Benefits and Other Amenities

Infrared heat waves are transferred rapidly throughout the room, due to their shorter wave length. The results are impressive, because it requires less energy to heat the room evenly with infrared heat than with conventional radiant heating sources. This makes the infrared heating system one of the most cost-effective as well as efficient heating systems, as a supplemental heat source, for your home.

The Comfort Furnace heating design is much quieter than oil-based or baseboard heat, and does not emit the popping sounds like typical heaters. The fan noise in a Comfort Furnace heater is about half the decibel level of other heaters.

Comfort Furnace infrared heating elements are designed to last about 20,000 hours. Using your heaters only during the winter months, the elements should last 7 to 10 years. (Call our toll-free number at the bottom to learn more about our lifetime heating element replacement warranty.)

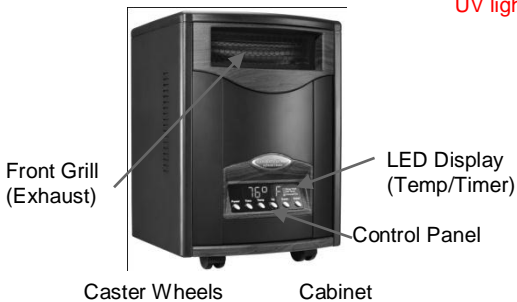
The internal electronic thermostat allows the heater to stay accurate. Simply set the heater to your desired comfort level and sit back and enjoy a warm, comfortable, and cozy environment.

The great look of the Comfort Furnace allows you to add its aesthetic design to any room or background. With a range of colors and designs, this stylish and elegant piece makes for a welcome addition.

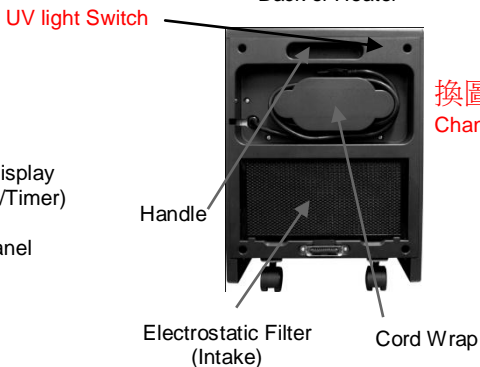
Comfort Furnace infrared heaters are manufactured by an ISO9000 certified distributor that has been making high-quality electronics for over 25 years. The Comfort Furnace heaters come with C-TUV-US certifications, as well as with US and CSA certifications.

Comfort Furnace

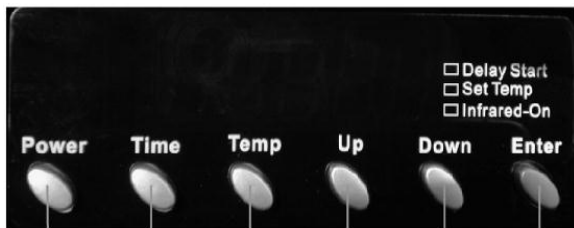
Front of Heater



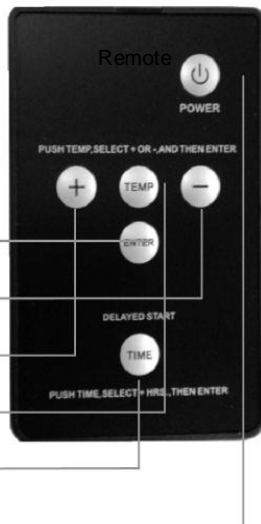
Back of Heater



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POWER

TIME

TEMPERATURE

UP

DOWN

ENTER

WARNING
IMPROPER USE OF THIS HEATER COULD RESULT IN RISK OF
FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS



WARNING
ANY REQUIRED SERVICE OTHER THAN FILTER
MAINTENANCE SHOULD ONLY BE PERFORMED BY AN
AUTHORIZED SERVICE REPRESENTATIVE



CAUTION : RISK OF ELECTRICAL SHOCK
DO NOT OPEN
NO USER-SERVICEABLE PARTS INSIDE

USER RESTRICTIONS

READ ALL INSTRUCTIONS BEFORE USING THE HEATER.

- DO NOT plug heater into any other cord-connected device, such as power strip, surge protector, multiple outlet adapter, grounding adapter, outlet-type air fresheners, or extension cords. Plug into a 3-prong, 120V, 15 amp or higher grounded circuit receptacle only.
- DO NOT plug the heater into a loose fitting or broken receptacle.
- DO NOT alter the heater's design, or you will void the warranty.
- DO NOT block the front or rear of the heater.
- DO NOT place anything directly in front of the heater.
- DO NOT cover the unit, as this may block airflow and cause the heater to malfunction.
- DO NOT use the heater outdoors or for heating construction sites.
- **DO NOT stare at Ultraviolet Light.**
- This heater is not intended for use in bathrooms, laundry areas, and similar damp or humid indoor locations. Never locate heater where it may fall into a bathtub or other water container.
- DO NOT force the filter to dry using any alternative methods when performing filter maintenance; doing so could damage the filter.
- DO NOT run cord under carpeting.
- DO NOT cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- DO NOT insert or allow foreign objects to enter any ventilation or exhaust opening, as this may cause an electric shock or fire, or may damage the heater.
- Heater has hot and arcing or sparking parts; DO NOT use it in areas where gasoline, paint, or flammable liquids are used or stored.
- Heater is hot when in use. To avoid burns, DO NOT let bare skin touch hot surfaces. If provided, use handle when moving this heater.
- DO NOT operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped, or has been damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- Connect to properly grounded outlets only.
- To prevent a possible fire, DO NOT block air intakes or exhaust in any manner. Do not use on soft surfaces, such as a bed, where openings may become blocked.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electrical shock, or injury to persons.
- DO NOT use an extension cord, which could overheat and present a risk of fire.
- This heater is for use with 120 volts, and should only be plugged into a three-slot, grounded receptacle ; DO NOT use an adapter.
- DO NOT use this heater in or around a bathtub, shower, or swimming pool.

SAVE THESE INSTRUCTIONS

Suggestions for Best Performance

To use the heater most efficiently, a minimum of 30% relative humidity should be maintained. In most homes that is fairly standard.

NOTE: If you are unsure of the humidity level or do not have a humidifier, bring a pot of water to a boil and allow most of the water to evaporate into the air. The added humidity that this introduces to the room will allow the Comfort Furnace Heater to more effectively heat your home.

- * If using the heater in a room with a bare concrete floor, you should place the heater no less than 3 feet above the floor, and in a secure location where it will not fall. Infrared heat warms objects in a room, so you would not need to heat the concrete floor before you heat the room.
- * Place the heater in a room where the most time is spent during non-sleep hours, such as the family den. Set your central heating system a few degrees lower than normal, and let your infrared heater warm the room.
- * If using the heater in a very large room, try placing it near the center of the room.
- * If you are using the heater in a dusty or dirty environment, the filter on the back of the heater should be cleaned more often than the recommended once-a-month.
- * Do not place the heater in rooms that are high air-exchange rooms. For example, if your kitchen door is opened 20 times per day, and it is 20 degrees Fahrenheit outside, do not place the heater in the kitchen.
- * If the heater is placed in a basement or closed-off area, the vents to the central heating system should be closed in that area to maximize the heater's performance and reduce air exchange.

Maintenance Instructions

The most important maintenance required for your heater is to clean the filter once a month. Clean more often in dirty or dusty places.

Cleaning the Electrostatic Filter

1. Power the heater off by pressing the POWER button, located on the left side of the Control Panel.

Note: The sound of the heater's fan will continue until the heat has been completely vented, thus protecting the unit and preventing waste by cycling the remaining heat into the room. DO NOT unplug the heater until the sound of the fan has stopped. Unplugging too soon may damage the unit.

2. When the heater's fan stops (the heater will become completely silent), unplug the heater.
3. Release the electrostatic filter on the back of the unit by pushing it up from below (Figure 1).
4. Remove the electrostatic filter by pulling it down and out (Figure 2).
5. Clean the filter by vacuuming or rinsing with warm water until clear.
6. Replace the filter by sliding the top upwards into the spring-loaded slot on the back of the heater, then gently press the bottom of the filter into place.

Heater Care and Storage

The heater's filter, located on the back of the unit, should be cleaned once a month when the heater is in frequent use (i.e., during the winter months). The filter can be cleaned either by rinsing in the sink with warm water or by vacuuming it. (NOTE: Never place a wet or dripping filter back into the heater.)

When your heater is not in use, wrap the power cord around the storage compartment in the back of the heater. Place the heater back in the original packaging, or otherwise cover the heater to prevent dust and debris from entering it.

Store heater in a dry and clean place.

Detailed Operating Instructions

Turning Power On

1. Press the POWER button on the left side of the Control Panel. The heater's quartz heating elements will light up inside the heater.
2. After a few minutes, once the air within the heater is warm, the heater fan will begin to operate.

Turning Power Off

1. Press the POWER button on the left side of the Control Panel.
2. The sound of the heater fan will continue until the heat has been completely vented, thus protecting the unit and preventing waste by cycling the remaining heat into the room. (NOTE: DO NOT unplug the heater until the sound of the fan has stopped. Unplugging too soon may damage the unit.)

Setting the Temperature

This feature allows you to set the temperature that your heater will maintain.

1. Press the temperature (TEMP) button on the Control Panel; the SET TEMP indicator will illuminate and the temperature display will flash.
2. Use the UP and DOWN buttons to select the desired temperature, and press ENTER.
3. The SET TEMP indicator will turn off; the temperature is now set.



Detailed Operating Instructions (continued)

Setting the Timer

This feature allows you to set a future time for the heater to turn itself on, for example, 30 minutes before you wake up in the morning.

1. Turn the power off (heater must be powered off to use the timer feature, although you do not have to wait for the fan to stop as well).
2. Press the TIME button on the Control Panel—the two zeros to the right will flash (:00), indicating 0 minutes have been set, and the DELAY START indicator will illuminate.
3. Press the UP and DOWN buttons to select the desired number of minutes (up to 59) that you would like the heater to wait before turning itself on.
4. Press the ENTER button—the two zeros to the left will flash (00:), indicating 0 hours have been set (the DELAY START indicator should still be illuminated).
5. Press the UP and DOWN buttons to select the desired number of hours (up to 24), then press ENTER.
6. The DELAY START indicator will now flash until the unit comes on, after waiting the period of time you have set.
7. To cancel the timer before the heater comes on, press the POWER button; the timer will stop.

Switching Between Fahrenheit and Celsius

1. Press the temperature (TEMP) button.
2. Press the DOWN and ENTER buttons simultaneously, and hold for about 3 seconds. The display will update automatically from Fahrenheit to Celsius, or vice versa.



Detailed Operating Instructions (continued)

Turn on/off the germicidal ultraviolet light

1. Simply on/off the switch located on the back of the heater.

Calibrating the Room Temperature

1. Make sure the power is off (Control Panel screen is black/unlit).
2. Press and hold the ENTER button for about **10 seconds**.
3. The screen will first show either reading: **StS n** or **StS y**.
4. Press ENTER; the screen will show the following reading: **FSP n**.
5. Press ENTER again; the screen will show the following reading: **td 1**.
6. Press ENTER again; the screen will show the following reading: **tA 00**.
7. Under this screen reading, press the UP button to raise the room temperature, or press the DOWN button to lower the room temperature. The maximum amount of temperature you can calibrate is $\pm 10^{\circ}\text{F}$ or $\pm 10^{\circ}\text{C}$.
8. Press ENTER until the screen shows a **doFL** reading for about **one second**.
9. After one second, the screen will turn off completely (as in Step 1). The room temperature has now been calibrated.

Setting the Heater to Auto Run after a Power Interruption/Failure

1. Press and hold the ENTER button for about **10 seconds**.
2. The screen will first show the following reading: **StS n**.
3. Press the UP or DOWN button. The screen reading will change from “n” to “y” (**StS y**).
4. Press ENTER until the screen shows a **doFL** reading for about **one second**.

Frequently Asked Questions

Q : Why does my heater run after I shut it off?

A : The heater fan will continue to run after the unit is turned off, for approximately 4 minutes, in order to cool down the inside of the heater. The heating elements heat the inside of the heater to between 180 and 200 degrees, thus it is important to let the heater cool down after use.

Q : Will the heater heat more than one room at a time?

A : Heating will vary, depending on the floor plan and the size of the rooms. Placing the heater toward the center of the largest room will improve heat movement between rooms.

Q : Can I use my heater in moist or damp rooms?

A : The heater will work effectively in bathroom or pool rooms, but we do not recommend this. The heater is designed to work optimally with *natural* humidity, thus using it in rooms or locations that accumulate excessive moisture should be avoided.

Q : Will my heater work if my room is not well insulated?

A : The heater will work in places like garages and basements, but the better a room is insulated, the more effective the heater will be. Remember: the heater heats not just the air but the objects in the room as well, so an uninsulated wall may absorb much or most of the heat, making the heater less effective.

Q : Why does my heater only display a line of dots?

A : When dots are displayed on the screen, the heater is in screen saver mode. After you set the heater, the screen saver display will start about 10 minutes later. This will not affect the operation of the heater. To exit the screen saver display, press any button on the control panel (except the Power button).

Q : Can I use more than one heater in a room?

A : If you are heating a large area, more than one heater may be used. Heaters are rated at 12.5 amps, so each heater must be plugged into an independent outlet on a 15 amp or greater circuit.

Q : Why is the heater not blowing as hard as it was before ?

A : Make sure the filter on the back of the heater is clean, and make sure there is nothing obstructing the front or rear of the heater. (For instance, make sure the heater is not placed too close to a wall or other such object.)

Q : Why does nothing happen when I press the POWER button ?

A : Test the outlet to make sure there is power available, then check the heater display for the flashing "TIME DELAY" light. Press the POWER button to turn off the timer and resume normal operation of the heater.

Heater Specifications

MODELS: **CF1500UV-WT (Wood Model)**, **CF1500UV-WO (Wood Model)**,
CF1500UV-P (Plastic Model)

- Cabinet:
 - Wood Model-3/4"(1.9cm) ply—Tuscan Mahogany & Oak veneers available
 - Plastic Model -ABS 94-VO fire retardant nylon/ plastic-black with simulated wood trim
- Weight: Wood Model-30.3 lbs (13.74kgs), Plastic Model:-21.6 lbs (9.80kgs)
- Dimensions:
 - Wood Model-13" wide x 14 1/8" deep x 18 1/8" high (33cm w x 35.9cm d x 46cm h)
 - Plastic Model-13" wide x 12 1/2" deep x 18 1/8" high (33cm w x 31.6cm d x 46cm h)
- Power Requirements: 110 Volt AC, 1500 Watt
- Power Cord: 6 feet (182.88cm),14 gauge
- Thermostat: Electronic Analog—large numbers
- Accuracy: $\pm 2^{\circ}$ (1 degree up and 1 degree down)
- Delayed Start Function: Up to 24 hours
- Safety Cutoff: Yes
- Listed Approvals: C-TUV—U.S. & International (UL equivalent)
- Remote Control: Credit card type—large-button surface
- Pre-Filter: Lifetime electrostatic
- **Philips 6W ultraviolet lamp**
- Cord Storage: Convenient cord wrap for transport & storage
- Lifetime Electrostatic Filter (for maintaining air quality): Removed and installed with springs
- Heat Type: Therapeutic quartz infrared heat
- Heat Chamber: Copper-ion generation panel with stainless diffraction coils
- Heating Elements: Four (4) quartz infrared emitters
- Emitter Life Expectancy: 20,000 hours (approx. 7-10 years)
- Fan System: Single high-output scroll fan, providing a much quieter operation by eliminating vibration and ELF 60 Hz electromagnetic emissions caused by AC axial fan motors.
- Fan Noise Level: 42 dB (comparatively quiet)
- Warranty: Limited 3-year warranty

Warranty and Service Information

Three-Year Limited Warranty

The Living Well Company warrants this product to be free from defects in materials and workmanship, to the original purchaser, and under normal operating conditions, for a period of one year.

For an additional two years, The Living Well Company will warrant the fan motor and infrared heating elements against defects in workmanship or materials under normal use and service.

During the three-year limited warranty, The Living Well Company shall provide, at no cost to the original purchaser, heating elements and fan motor(s) as needed to service product and keep the unit in good working condition.

Return shipping costs will be paid by The Living Well Company for repairs due to warranty work or warranty service for the first 90 days. After the first 90 days, the customer shall be responsible for shipping costs in the event that the unit needs repairs or requires replacement parts

Limitations

ALL WARRANTIES IMPLIED BY LAW, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THE WARRANTY SET FORTH ABOVE.

Note: Some jurisdictions do not allow limitations on the length of the implied warranty, so the above limitation may not apply to you.

Warranty and Service Information (continued)

In no event shall The Living Well Company be liable for any incidental or consequential damages caused by the misuse or malfunction of the product. The company will not be held responsible for loss of use, or medical expenses, or other problems caused by defect or failure.

Note: Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

The Living Well Company will not be responsible for damages or losses due to misuse, neglect, abuse, or failure to follow directions, or improper storage.

The Living Well Company will not be responsible for statements made that are published, written, or spoken that are not consistent with the written warranty. The Living Well Company will not be responsible for statements made that are misleading or inconsistent with this owner's manual.

Warranty Restriction: Removing the serial number or changing the design or performance of the heater will void the manufacturer warranty.

To file a warranty claim, please contact the dealer where you purchased your Comfort Furnace. All other issues for service, warranty, or problems with your heater should be addressed with the dealer where you purchased your heater.

The Comfort Furnace comes with a 30-day, money-back guarantee. After the initial 30 days and up to 90 days, a 30 % restocking fee will apply. (No returns are allowed after 90 days.)

Warranty and Service Information (continued)

For more information about service, warranty, or customer support, please call:

877-490-4328
United States of America

1-866-430-2139
Canada