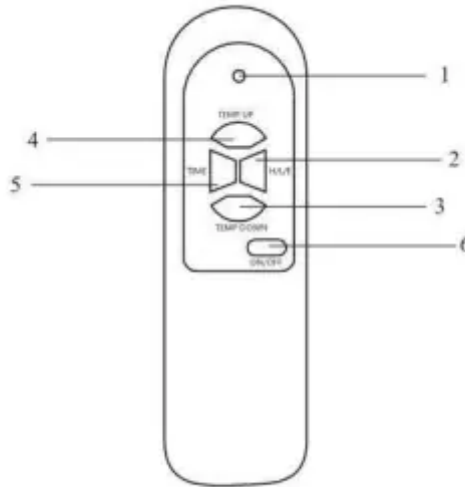


## PRODUCT DIAGRAM



4

## Remote Control

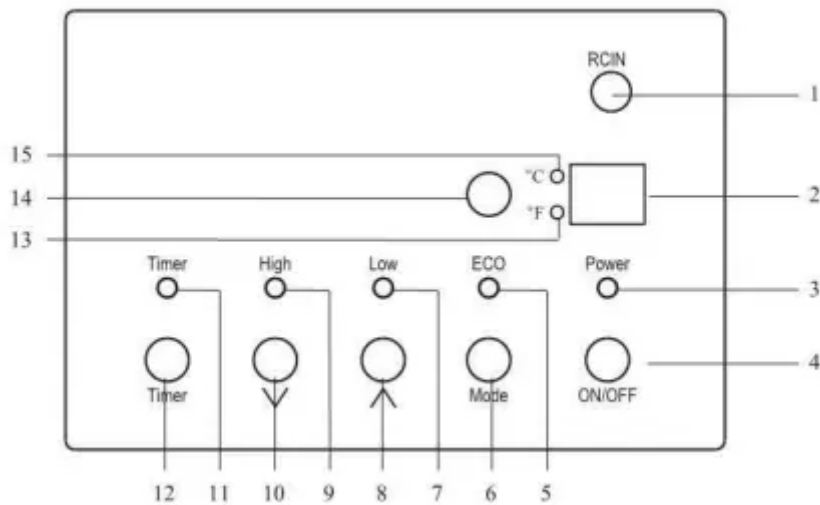


### PART ---- NAME ---- DESCRIPTION

- 1 -- LED Indicator Light -- Illuminates when remote button is pressed, indicating sent signal
- 2 -- Mode Button -- Toggles between the three modes available
- 3 -- Temp Down Button -- Decreases the set temperature
- 4 -- Temp Up Button -- Increases the set temperature
- 5 -- Timer Power Button -- Engages the on/off timer function

6 -- ON/OFF Button -- Powers the heater on or off

## Control Panel



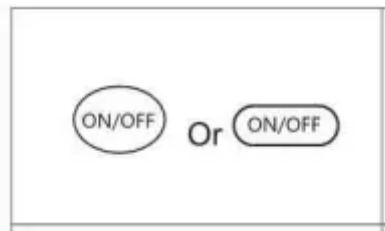
1. Signal-receiving window: for receiving remote control signal.
2. Digital display: indicates set room temperature or time value of the timer.
3. Power indication light: indicates when the unit is connected to power supply and rear master power switch is on.
4. ON/OFF switch button: for power-on or off.
5. Energy-saving mode: the light is on when energy-saving mode is set.
6. Mode button: for selecting the running mode.
7. Low power mode indication light: the light is on when low power mode is set.
8. Temp up button: to increase set temperature.
9. High power mode indication light: the light is on when high power mode is set. ).
10. Temp down button: to reduce set temperature.
11. Timer indication light: the light is on when timer mode is set.
12. Timer button: used for setting the timer and adjust time value for the timer.
13. Fahrenheit indicator light.
14. \*C/\* F Button (Button for alternating between Fahrenheit and Celsius).
15. Celsius indicator light.

## PREPARATION

Place the heater on a firm, level surface and plug into a grounded 120V 60Hz power outlet and turn on the power switch in the rear of the unit. Only operate heater in upright position.

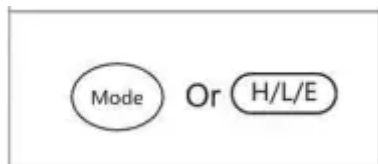
# OPERATING INSTRUCTIONS

## 1. Start and select working mode



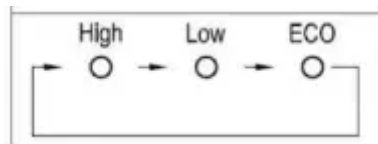
With master power switch at the rear of the unit on. turn the heater on by pressing the ON/OFF button on the control panel or by pressing the Power button on the supplied remote control.

Once power is off, heating elements will stop working at first. Fan will continue working for up to 3 minutes to emit residual heat inside the unit.



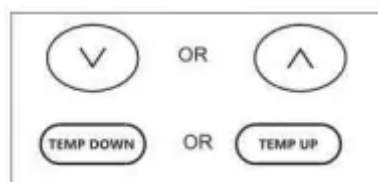
Select a heat setting.

Press the MODE button to toggle between the three heat settings.

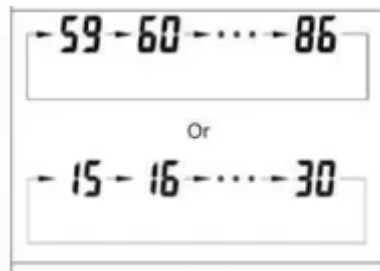


High Mode uses 1500W; Low Mode uses 1000W, ECO mode is an Economic Energy Saving Function. When ECO mode is chosen. the heater will set the temperature automatically to 68° F (20°C) under this mode

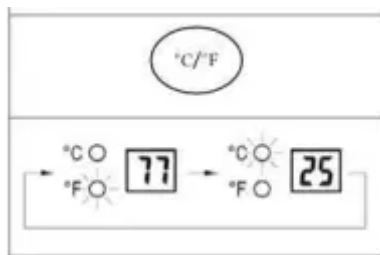
## 2. Setting room temperature



Adjust the thermostat by pressing the arrows on the control panel or remote control.



Set temperature indication varies from 59°F to 86°F, or from 15°C to 30°C. Once you have chosen the desired temperature, the heater will remain on until the room temperature increases to the temperature on the digital display. The heater will cycle on and off to maintain the desired room temperature.



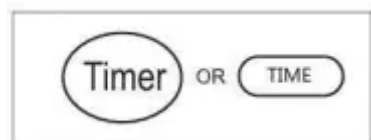
Press °C/ °F button, then digital display will indicate Fahrenheit value or Celsius value.

When Fahrenheit indicating light is on, digital display indicates Fahrenheit value.

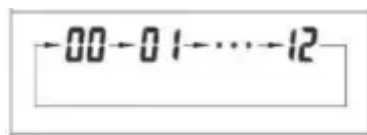
When Celsius indicating light is on, digital display indicates Celsius value.

### 3. Setting timer-power-off

**Note:** ONLY under power-on mode can you set timer-power-off function.



After starting the unit. press the timer button on the control panel.



Digital display changes from set temperature to time value for the timer. Each press of the timer button will increase the timer length by 1 hour up to 12 hours. To cancel the timer, cycle through the lengths until the value is "00"



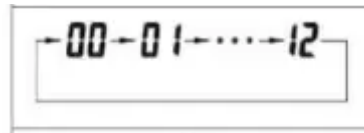
The timer light is on when timer-power-off is set.

#### 4. Setting timer-power-on

**Note:** ONLY under power-off mode can you set timer-power-on function.



Under power-off mode, press the timer button on the control panel.



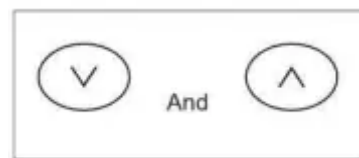
Digital display will indicate the time value for the timer. Each press of the timer button will increase the timer length by 1 hour up to 12 hours. To cancel the timer, cycle through the lengths until the value is "00"



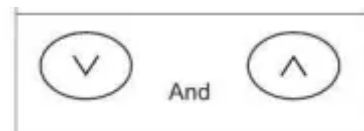
The light is on when timer—power-on is set.

#### 5. Setting electro-lock

Function of electro lock can avoid unwanted use by children. Electro-lock can be set in both power on and power-off modes.

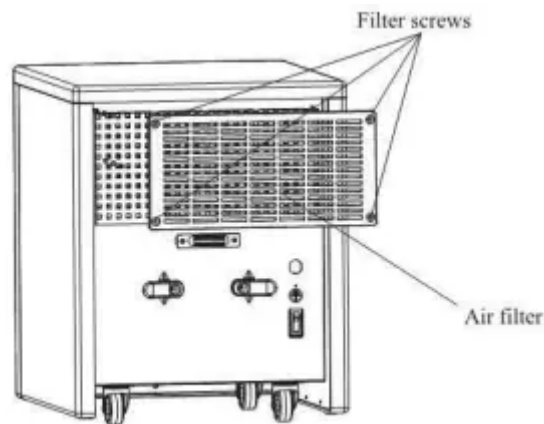


Press both Temp Up and Temp Down buttons for 3 seconds. Locking is confirmed when a tone is heard. When locked, control panel and remote control will not function. A tone will be heard when buttons are pressed but they will not function.



To unlock the locked control panel, press both Temp Up and Temp Down buttons for 3 seconds. Unlock is confirmed when a tone is heard. Control panel and remote control return to normal functions.

## MAINTENANCE



1. Turn off the power switch in the rear of the unit.
2. Unplug the unit and let it cool completely.
3. To keep the heater clean, the outer shell may be cleaned with a soft, damp cloth. You may use a mild detergent if necessary. After cleaning, dry the unit with a soft cloth.  
**CAUTION:** DO NOT let liquid enter the heater.
4. DO NOT use alcohol, gasoline, abrasive powders, furniture polish, or rough brushes to clean the heater. This may cause damage or deterioration to the surface of the heater.
5. DO NOT immerse the heater in water.
6. Wait until the unit is completely dry before use.
7. Air filter should be cleaned after 3 months use, when it appears dirty or looks like it is blocking airflow. With heater unplugged, remove 4 assembly screws as illustrated below. Clean all parts of filter assembly. Allow parts to completely dry before reinstalling onto the heater.
8. Reassemble filter and then attach to heater. **WARNING:** Do not use heater without filter assembly in place or with a filter that is not completely dry.
9. If you don't plan to use the heater for a long time, take battery out of remote control before unit is stored away.

## STORAGE

Store the heater in a cool, dry location when not in use. To prevent dust and dirt build-up, use the original packaging to repack the unit.

## TROUBLESHOOTING

If the heater will not operate, please check the following before seeking repair of service:

1. Check if the power cord is plugged into an electrical outlet, if not, plug in.

2. Check if electricity to the main fuse is working. Be sure master power switch on the rear of the unit is on.
3. Check if the battery in remote control is not dead and if the polarity of the battery is correct.
4. If the heater displays an error code "E1", the heater is overheated. Unplug the heater from the wall for a few second then plug the power cord back in. Check if the air filter is clogged.
5. If the heater displays an error code "E3", the heater is tipover. check if the heater is operated on a flat surface.

**NOTE:** The heater may not be operating if the thermostat is set lower than the room temperature. To begin operation, increase the thermostat temperature for a higher heat setting.

## FREQUENTLY ASKED QUESTIONS

**Q. My heater emits a strange odor when I first open the box and when I turn the heater on for the first time. Why is this happening?**

A. This is normal. This heater is treated with a special heat safe/resistant coating. This odor will sometimes be present when the box is opened. When the coating is exposed to heat, it produces this particular odor during the first few hours of operation. This will dissipate after the break-in period. If you are sensitive to odors. you may want to pre-burn the unit in a garage with the door open until the initial odor dissipates.

**Q. If my heater runs on its max wattage setting, how many BTUs is that?**

A. This heater is intended to be used as supplemental heat in areas most needed. It may take several minutes to several hours to heat your area, depending on various factors. The below chart provides BTU translations for different wattages.

| WATTAGE | BTUS  |
|---------|-------|
| 1,500   | 5,118 |
| 1,000   | 3,412 |
| 750     | 2,559 |
| 500     | 1,706 |

Heater designed for 1500 Watt, 144 SQ FT room, using heater in much larger room, heater may not shut down, because it will not reach set temperature. Heater also may not reach set room temperature.

**Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.



