



SMART+ PRODUCTS

Infrared Heater

User's Manual

Model# SPP-1500-4PR

120VAC 15 AMP DEDICATED CIRCUIT
FOR INDOOR USE ONLY



The **SMART+ PRODUCTS** Infrared Heater works with your in-home furnace to provide supplement heat. Carefully and thoroughly read this manual before using the **SMART+ PRODUCTS** Infrared Heater for the first time. We recommend keeping this manual for regular review and future reference. Heater is intended for residential use.

FOR INDOOR USE ONLY

120VAC 15 AMP DEDICATED CIRCUIT

Thank you for choosing a **SMART+ PRODUCTS** Infrared Zone Heating System. This owner's manual will provide you with valuable information necessary for the proper care and maintenance of your new product. Please take a few moments to thoroughly read the instructions and familiarize yourself with all the operational aspects of your new heater.

IMPORTANT INSTRUCTIONS

When using this electric unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- 1 Read ALL instructions before using this unit.
- 2 **CAUTION:** Risk of Electric Shock. **DO NOT** open or try to repair the heater yourself.
- 3 This heater may get hot when in use. To avoid burns, **DO NOT** let bare skin touch hot surfaces. If provided, use handles when moving this heater.
- 4 Keep combustible materials, such as furniture, pillows, bedding, paper, clothes, and curtains at least 3 ft from the front of the heater and keep them away from the sides, top, and rear. **DO NOT** place towels or other objects on the heater.
- 5 Extreme caution is necessary when any heater is used by or near children or the disabled, or when the heater is left operating and unattended.
- 6 **DO NOT** operate any heater with a damaged cord or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- 7 This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. **NEVER** locate heater where it may fall into a bathtub or other water container. To protect against electrical hazards, **DO NOT** immerse in water or other liquids.
- 8 **DO NOT** touch the control panel or plug with a wet hand.
- 9 **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.
- 10 **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 the heater.
- 11 To prevent a possible fire, **DO NOT** block the air intakes or exhaust in any manner. **DO NOT** use on soft surfaces, like a bed, where openings may become blocked.
- 12 A heater has hot and arcing or sparking parts inside. **DO NOT** use in areas where gasoline, paint, explosive and/or flammable liquids are used or stored. Keep unit away from heated surfaces and open flames.
- 13 Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord shall be No. 16 AWG minimum size and rated not less than 1500W.
- 14 To avoid fire or shock hazard, plug the unit directly into a 120 V AC electrical outlet.
- 15 To disconnect heater, turn controls to OFF, then remove plug from outlet. Pull firmly on the plug, **DO NOT** unplug by pulling on the cord.
- 16 Always unplug the unit before moving or cleaning, or whenever the heater is not in use.
- 17 Use only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of attachments not recommended or sold by unauthorized dealers may cause hazards.
- 18 Always use on a dry, level surface. Use on floor only.
- 19 **DO NOT** use outdoors.
- 20 **WARNING:** To reduce the risk of fire or electric shock, **DO NOT** use this unit with any solid-state speed control device.
- 21 **DO NOT** attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of the unit contains no user serviceable parts. Qualified personnel should perform all servicing only.
- 22 Connect to properly grounded outlets only.
- 23 .Save these instructions.

SPECIFICATIONS

SAFETY FEATURES

Tip-Over Safety Feature

This heater is equipped with a tip-over safety feature. Once the heater is tipped over, an internal switch will automatically shut the heater off. Once the heater is restored an upright position, the heater will reset. To continue operation, turn on the heater using the supplied remote control or the control panel on the heater.

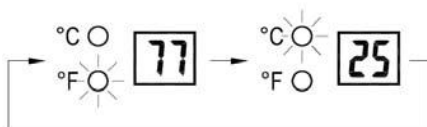
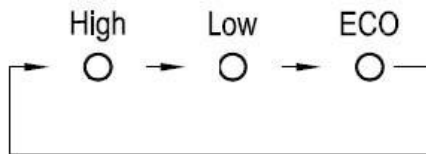
Overheat Safety Feature

This heater is equipped with a overheat safety feature. When the heaters internal components reach a certain temperature that could cause overheat and possible fire, the heater will automatically shut off.

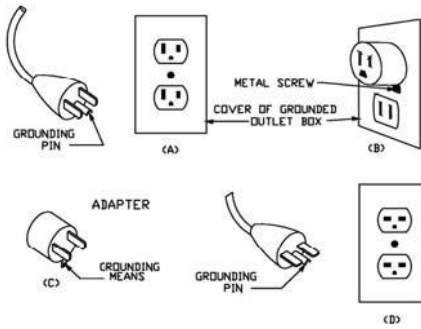
Voltage Rating	120 V (60Hz)
Power Consumption	1000/1500W
Unit Size	13.1 in. (W) x 16.5 in. (D) x 16.7 in. (H)
Unit Weight	22.7 lbs

Or

Turn the heater on by pressing the ON/OFF control panel or by pressing the Power butto supplied remote control.



WARNING: This heater has a voltage rating of 120 volts. The cord has a plug as shown in A. An adapter as shown in C is available for connecting three-blade grounding-type plugs to two-slot receptacles. The grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.



DO NOT DEFEAT THE SAFETY PURPOSE OF THE GROUNDED PLUG.

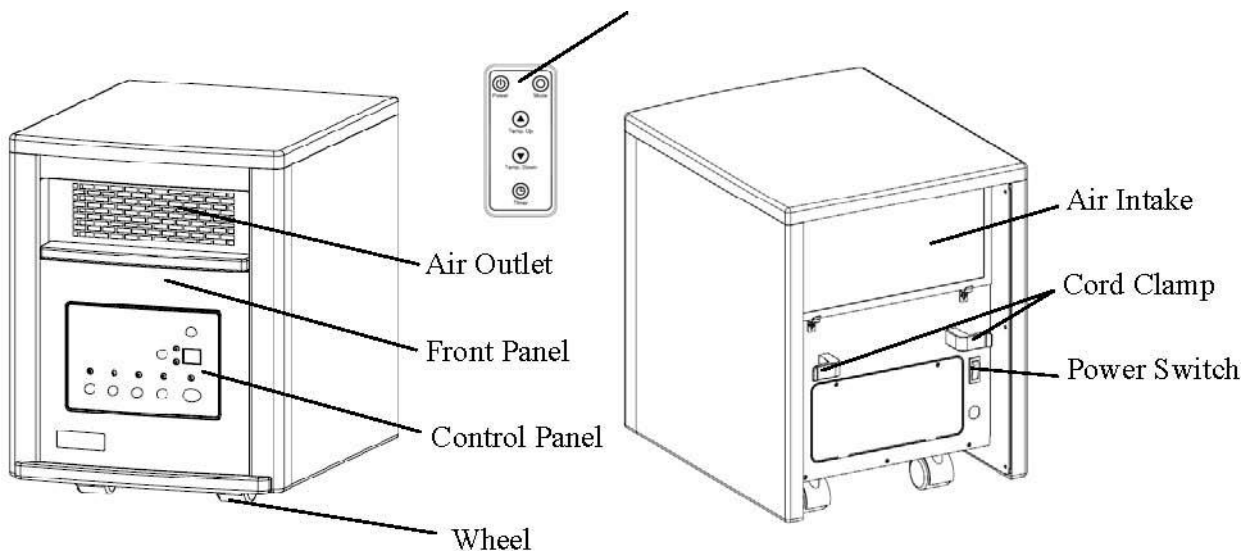
WARNING: It is normal for the power cord to feel warm to the touch; however, a loose fit between the outlet and the plug may cause overheating of the plug. If this occurs, try inserting the plug into a different outlet. Contact a qualified electrician to inspect the original outlet for damage.

IN THE BOX

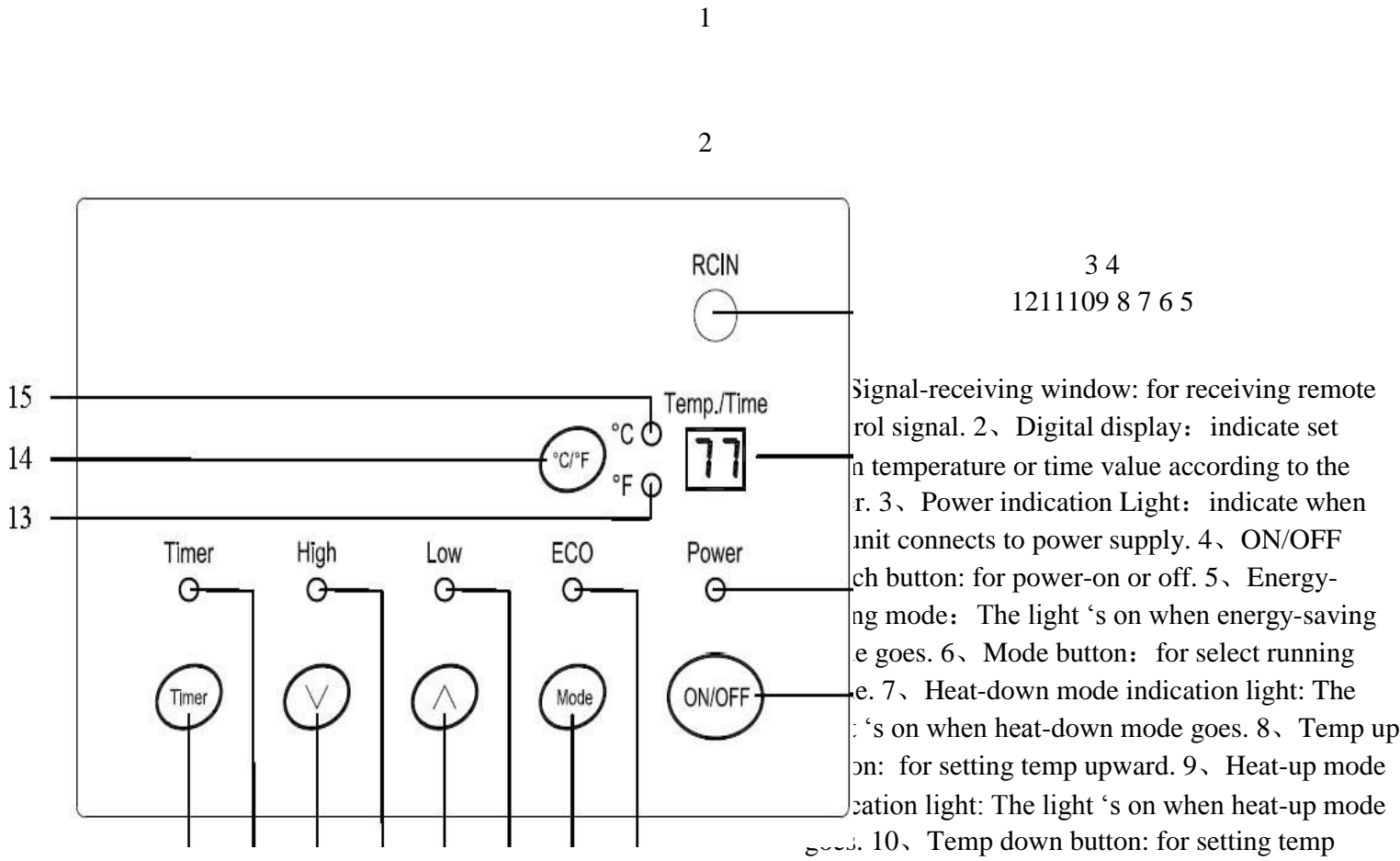
- INFRARED ZONE HEATING SYSTEM • REMOTE CONTROL • REMOTE CONTROL BATTERY
- INSTRUCTION BOOKLET

PRODUCT DIAGRAM

Remote Control



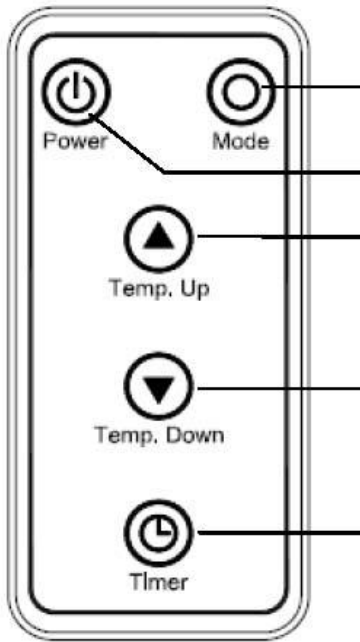
Control Panel



Signal-receiving window: for receiving remote control signal. 2、 Digital display: indicate set temperature or time value according to the r. 3、 Power indication Light: indicate when unit connects to power supply. 4、 ON/OFF button: for power-on or off. 5、 Energy-saving mode: The light 's on when energy-saving mode goes. 6、 Mode button: for select running mode. 7、 Heat-down mode indication light: The light 's on when heat-down mode goes. 8、 Temp up button: for setting temp upward. 9、 Heat-up mode indication light: The light 's on when heat-up mode goes. 10、 Temp down button: for setting temp downward. 11、 Timer indication light: The light's

on when timer functions. 12、 Timer button: used for setting the timer and adjust time value for the timer. 13、 Fahrenheit indicating light 14、 C/F Button (Button for alternating between Fahrenheit and Celsius). 15、 Celsius indicating light

Remote Control



Mode button: Used for mode selection ON/OFF button: Used for power-

on or power-off Temp up button: to make set temperature raise

Temp down button: to make set temperature decline

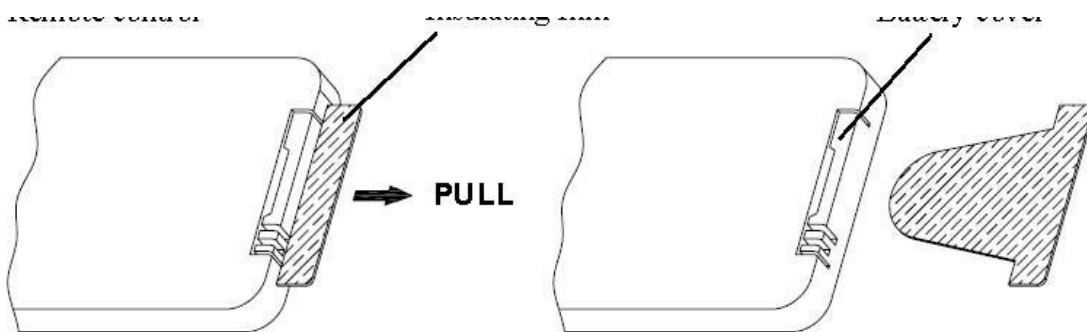
Timer button: used for setting timer and adjust time value of timing

PREPARATION

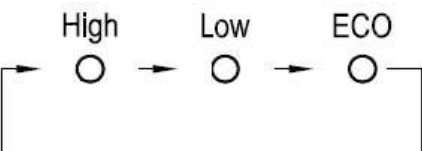
Place the heater on a firm, level surface and plug into a grounded 120V 60Hz power outlet. and turn on the power switch in the rear of the unit. Only operate heater in upright position with caster wheels attached.

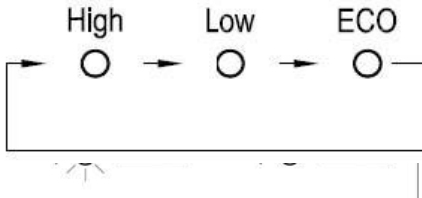

When using remote control, please pull out the insulating film as the following steps.

Remote control Insulating film Battery cover

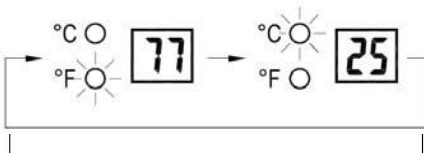


OPERATING INSTRUCTIONS 1、 Start and select working mode

Voltage Rating	120 V (60Hz)
Power Consumption	1000/1500W
Unit Size	13.1 in. (W) x 16.5 in. (D) x 16.7 in. (H)
Unit Weight	22.7 lbs
Or	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.
Or	Select a heat setting. Press the MODE button to toggle between the three heat settings.
	Power for heat-up mode is 1500W; and heat-down is 1000W. ECO mode is an Economic Energy Saving Function. When ECO mode is chosen the heater will consume one-third less power once the room temperature reaches a certain point.

Voltage Rating	120 V (60Hz)
Power Consumption	1000/1500W
Unit Size	13.1 in. (W) x 16.5 in. (D) x 16.7 in. (H)
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	Power for heat-up mode is 1500W; and heat-down is 1000W. ECO mode is an Economic Energy Saving Function. When ECO mode is chosen the heater will consume one-third less power once the room temperature reaches a certain point.
Or Or Or	Adjust the thermostat by pressing the arrows on the control panel or remote control.
	Set temperature indication varies from 86°F to 59°F , or from 30°C to 15°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.

2、 Setting room temperature



3. Setting timer-power-off

Caution!
ONLY
under
power-on
mode can
you set
timer-
power-off
function.

Voltage Rating	120 V (60Hz)
Power Consumption	1000/1500W
Unit Size	13.1 in. (W) x 16.5 in. (D) x 16.7 in. (H)
Unit Weight	22.7 lbs

Or
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.

Or
Select a heat setting. Press the MODE button to toggle between the three heat settings.

High Low ECO
Power for heat-up mode is 1500W; and heat-down is 1000W. ECO mode is an Economic Energy Saving Function. When ECO mode is chosen the heater will consume one-third less power once the room temperature

4. Setting timer-power-on

f mode can you set timer-power-on function.

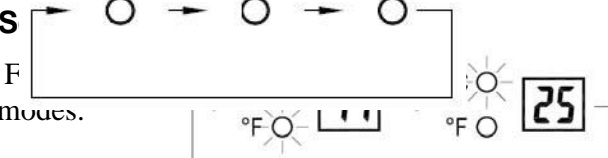
Voltage Rating	120 V (60Hz)
Power Consumption	1000/1500W
Unit Size	13.1 in. (W) x 16.5 in. (D) x 16.7 in. (H)
Unit Weight	22.7 lbs

Or
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.

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5. S F modes.

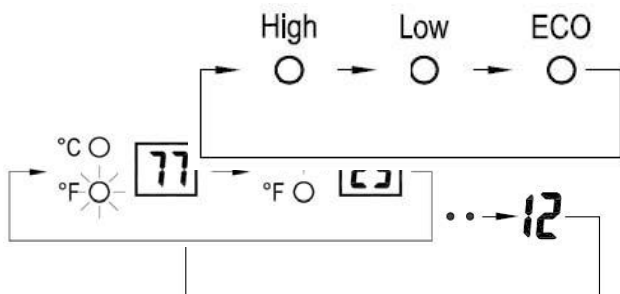


from children. Locking can be set in both power-on and power-off

Voltage Rating	120 V (60Hz)
Power Consumption	1000/1500W
Unit Size	13.1 in. (W) x 16.5 in. (D) x 16.7 in. (H)
Unit Weight	22.7 lbs

Timer Or
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.

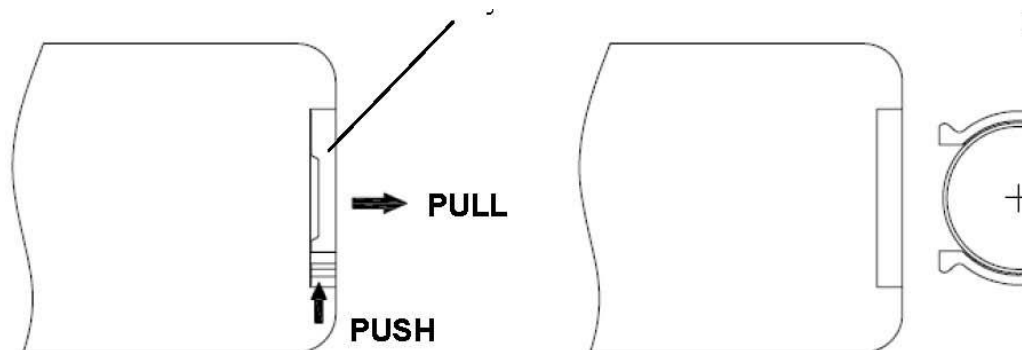
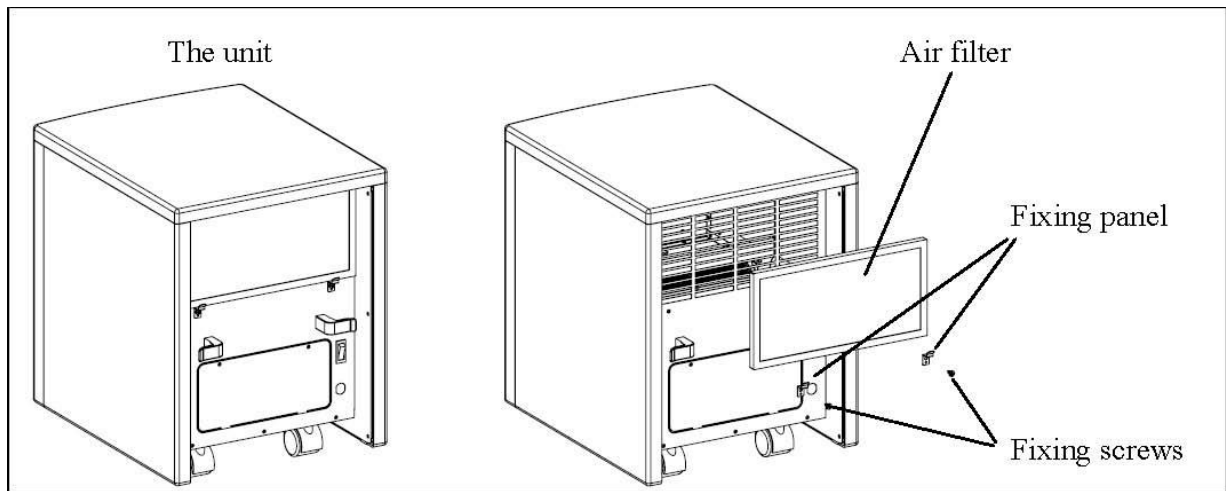
~
Select a heat setting. Press the MODE button to toggle between the three heat settings.



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 needs cleaning after used 3 months. Please take down the filter as following steps. Flush and clean the taken-down filter with water, then dry it out and re-assemble.
- 8 If won't use the unit for a long time, please take out battery in remote control according to following steps, then take care of the remote control.

Remote control Battery cover Battery



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.
3. Check if the battery in remote control is in good use ,and if the insulating film is pulled out.

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