



## OWNER'S MANUAL

# DIGITAL 6 TUBE INFRARED TOWER HEATER

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24" | 1500/1000W



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MODEL 1VAHQT24WG

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## TECHNICAL DATA

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**Model:** 1VAHQT24WG

**Voltage:** 120V / 60Hz

**Watts:** 1500/1000W

### IMPORTANT NOTE:

Read the manual carefully. Make sure to save this manual for future reference. Illustrations in this manual are for explanatory purposes only, your actual product may look slightly different.

# SAFETY INFORMATION

Thank you for choosing a RD-WORKS 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.

## READ AND SAVE THESE INSTRUCTIONS

## IMPORTANT INSTRUCTIONS

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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. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
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.



**WARNING** Read and understand this entire owner's manual, including all safety information, before plugging in or using this product. Failure to do so could result in fire, electric shock, or serious personal injury.

## 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 to 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.

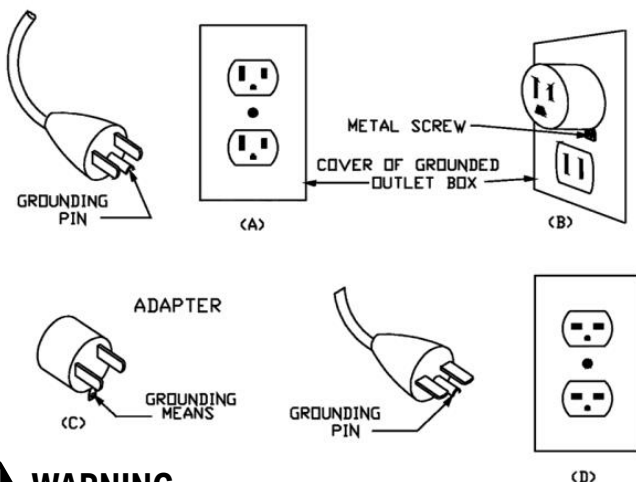
## OVERHEAT SAFETY FEATURE

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

### 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.



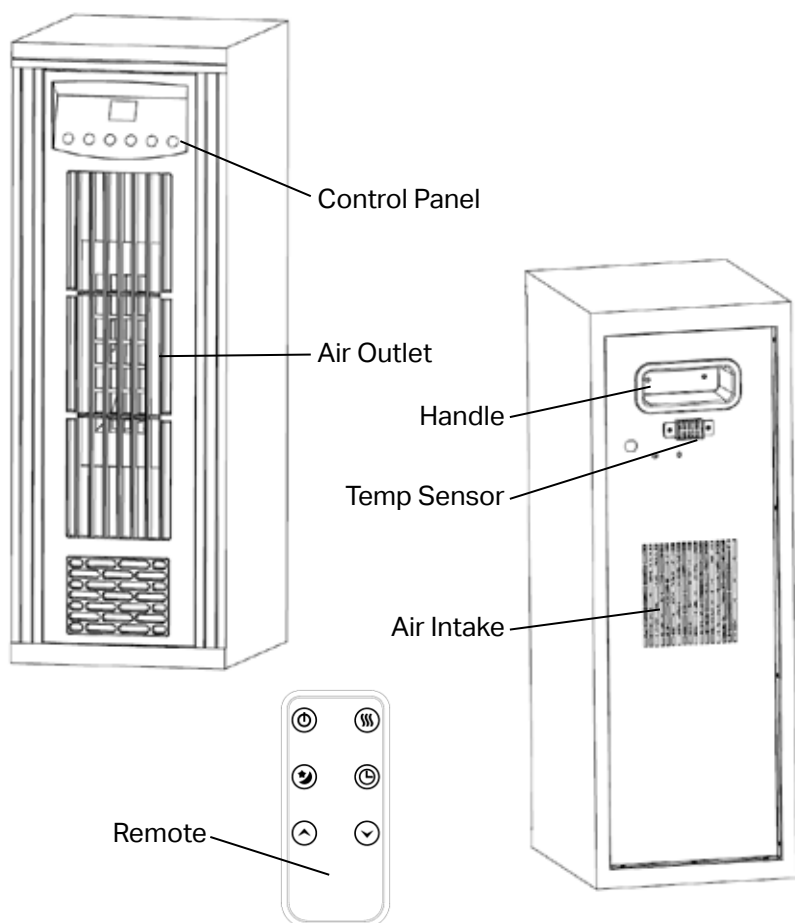
### WARNING

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

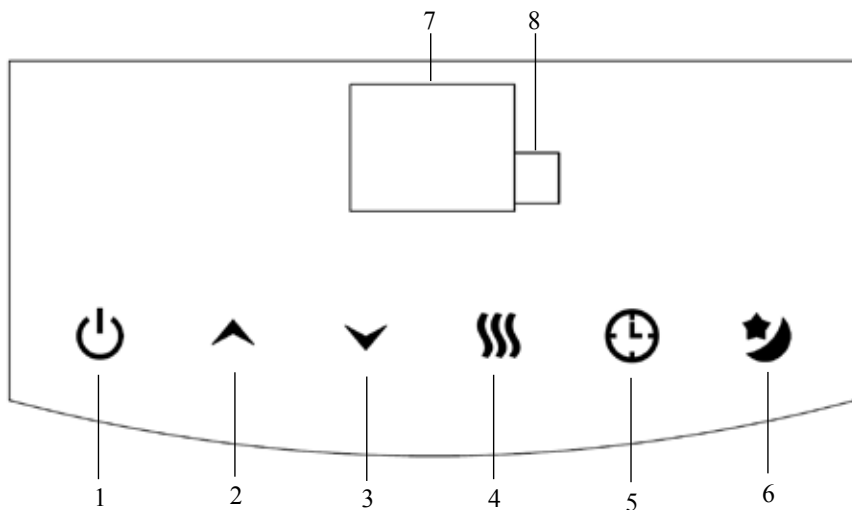
## PRODUCT DIAGRAM



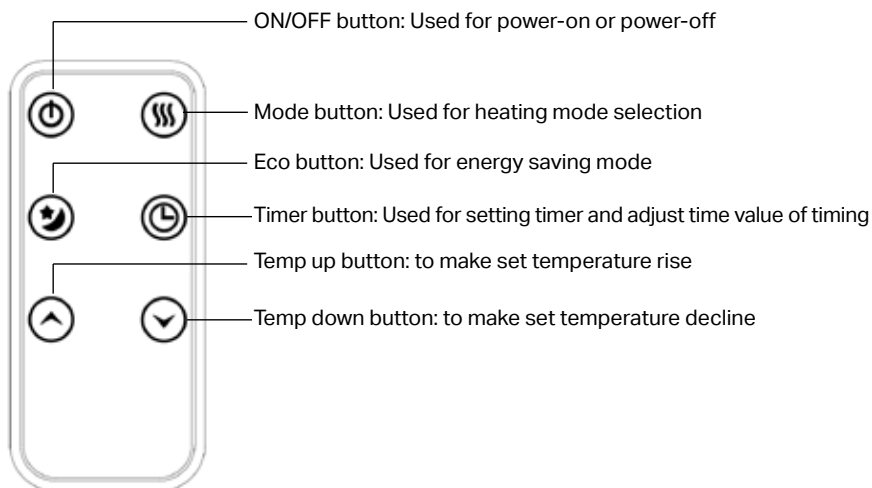
## CONTROL PANEL

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1. ON/OFF button: Powers the display on and off.
2. Temp up button: To increase desired temperature.
3. Temp down button: To decrease desired temperature.
4. Heating Mode button: To select between High and Low modes.
5. Timer button: Used to engage timer mode and to set hour value for the timer.
6. Eco button: Operate the machine in energy-saving mode.
7. Digital display: Indicate set room temperature or time or heating mode or lock.
8. Signal receiving window: For receiving remote control signal.



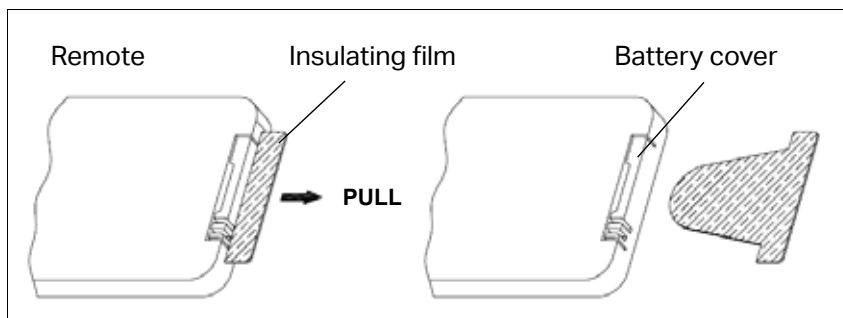
## REMOTE



## 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.

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



**Model:** CR2025 | **Voltage:** DC 3V 0.1W | **Capacity:** 150mAh




This remote control uses one CR2025 battery (included)

**⚠ WARNING** NEVER dispose of batteries in fire, failure to observe this precaution may result in an explosion. Dispose of batteries at your local hazardous material processing center or per local law.






# OPERATING INSTRUCTIONS

## 1. Start and select working mode


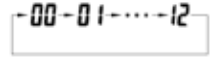

	Turn the heater on by pressing the ON/OFF button on the control panel or by pressing the Power button on the supplied remote control. Once power is off, heating element will stop working at first. Fan will prolong working for 3 min to emit plenty of heat inside. This mark will indicate running during the 3 min.
	Select a heat Mode Press the HEAT button to toggle between high and low heat modes.
	Press ECO button for ECO mode selection.
<b>HH LL EC</b>	High Mode uses 1500W; Low Mode uses 750W. ECO mode is an Economic Energy Saving Function. When ECO mode is chosen, the heater will manage itself from less to more heating power (watts) in an attempt to maintain a constant warm 68°F.

## 2. Setting Desired Temperature

 Or 	Adjust the desired temperature by pressing the Up/Down arrows on the control panel or remote control.
	Desired temperature options vary from 59°F to 86°F. 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.


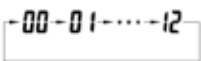

## 3. Setting the POWER OFF TIMER Function

**NOTE:** The Power-Off-Timer Function will allow for the heater to power OFF after a certain set time, and can only be set while the heater's display is in the "On" position.

	Turn the heater to the "On" position. Press the Timer button on the heater's control panel or the remote.
	The digital display changes from the "temperature" to the "hours" option for the timer. Continue to press the timer button to change the number of hours you would like the heater to run before powering itself off. The hour options for the timer are from 0 to 12 hrs. (in 1 hr increments).
	The selected hour increments will flash for a few seconds, then revert back to the set desired temperature. The Timer indicator light will remain lit as long as the Timer is set. The heater will power OFF when the internal heater clock counts down the hour increments you set.

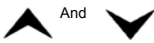
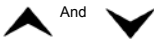
## 4. Setting the POWER-ON-TIMER Function

**NOTE:** The Power-ON-Timer Function will allow for the heater to power ON after a certain set time, and can only be set while the heater's display is in the "Off" position.

	Turn the heater to the "OFF" position .Press the Timer button on the heater's control panel or the remote.
	The digital display shows the "hours" option for the timer. Continue to press the timer button to change the number of hours you would like the heater's internal clock to count down before powering itself on. The hour options for the timer are from 0 to 12 hrs. (in 1 hr increments).
	The heater will power itself ON when the internal heater clock counts down the hour increments you set.

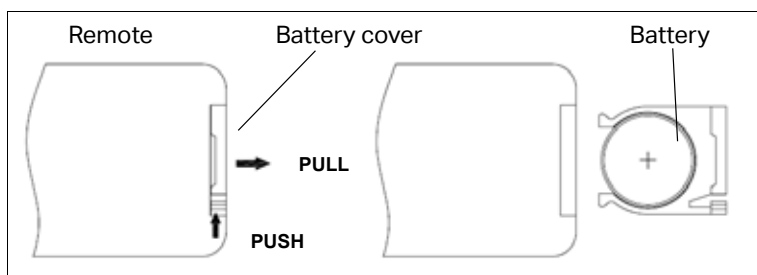
## 5. Setting electro lock

The Electro Lock can help avoid the heater from being accidentally engaged by children. The locking mechanism can be set in both the ON and OFF modes.

 And	Press Temp Up and Temp Down buttons at the same time for 3 seconds. Locking is complete when you hear a beep. When locked, the functions of the control panel and remote will be locked for use.
 And	When you need to unlock it, press Temp Up and Temp Down buttons at the same time for 3 seconds. You will hear a beep. The control panel and remote control will become functional again.

## 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. 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.



## 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:

1. Check if the power cord is plugged into an electrical outlet, if not, plug in.
2. Check if electricity to the main power switch (in the back) is working.
3. Check to see if the battery on the remote is placed correctly, undamaged.

## CONSUMER PRODUCT INFORMATION

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For your own records, please attach a copy of your sales receipt to this manual. Also, write the store name/location and date purchased below:

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

Location: \_\_\_\_\_

Date Purchased: \_\_\_\_\_



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