

**MODEL:**  
**CFI-100-1**



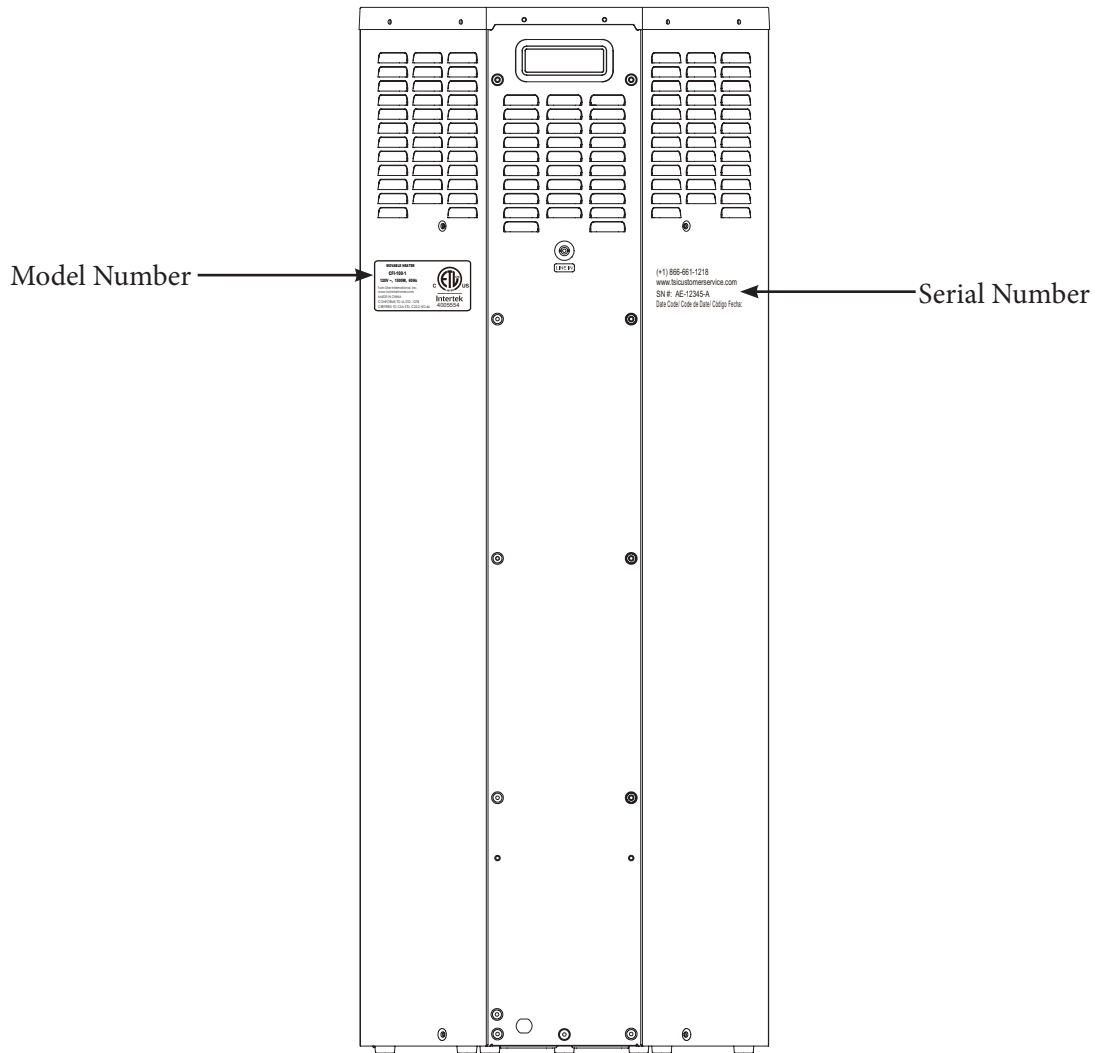
[www.tsicustomerservice.com](http://www.tsicustomerservice.com)



**1-866-661-1218**

# GETTING STARTED

1. The serial number is located on the back of the heater, the serial number is necessary for product warranty registration and customer service.



2. Go to [www.tsicustomerservice.com](http://www.tsicustomerservice.com) for product warranty registration. If you are unable to complete registration save your proof of purchase for warranty purposes.

# PRODUCT SPECIFICATIONS

AC Input Power	AC120V, 60Hz
Heater Power Consumption	1500 Watts
Standby Power Consumption	< 1 W
Peak Music Power Output	300 W

# IMPORTANT INSTRUCTIONS

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

1. Read all instructions before using this appliance.
2. This appliance is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this appliance. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (0.9 m) from the front of this appliance and keep away from the sides and the rear.  
WARNING: In order to avoid overheating, do not cover the heater.
3. CAUTION: Never leave the heater operating unattended. Extreme caution is necessary if unsupervised children or invalids are nearby.
4. The appliance is not to be used by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
5. Always unplug this appliance when not in use.
6. Do not operate any heater with a damaged cord or plug or after the appliance malfunctions, or if it has been dropped or damaged in any manner.
7. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
8. Do not use outdoors.
9. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate this appliance where it may fall into a bathtub or other water container.
10. Do not run cord under carpeting. Do not cover cord with throw rugs, runners or the like. Arrange cord away from traffic areas and where it will not be tripped over.
11. To disconnect this appliance, turn controls to the off position, then remove plug from outlet.
12. Connect to properly grounded outlets only. This heater is for use on 120 volts. The cord has a plug as shown at A in Fig.1. Do not use a 2 prong adapters. Never use with an extension cord or relocatable power tap (outlet/power strip).

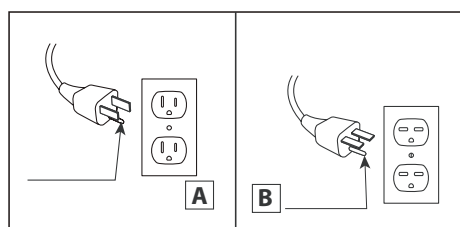


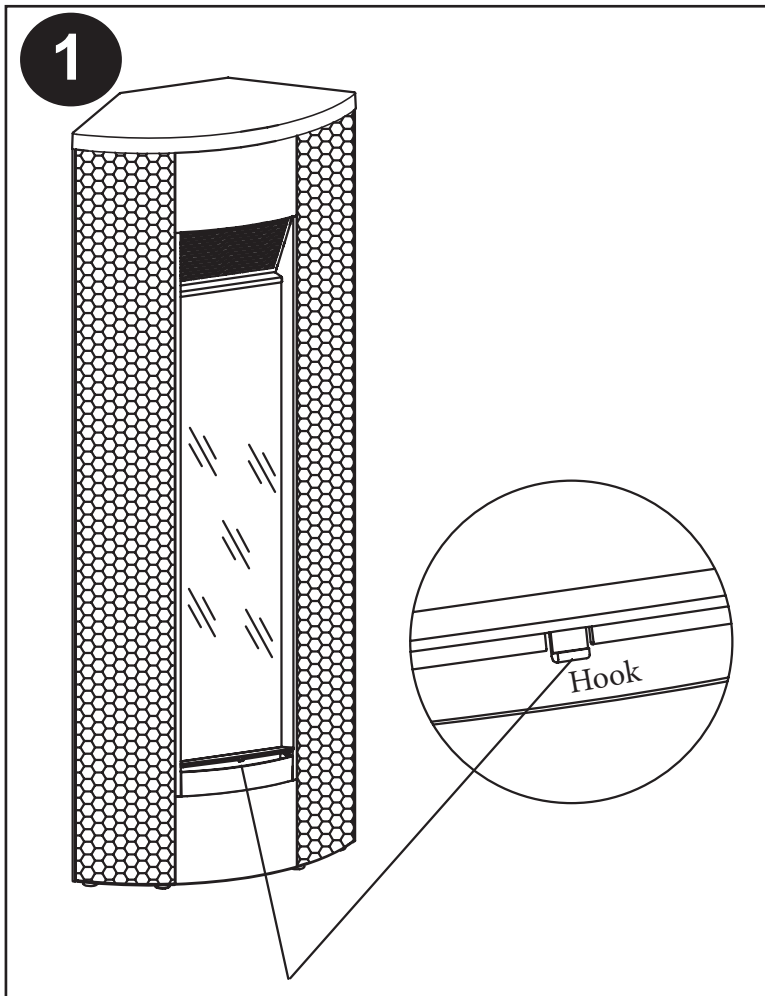
Fig.1



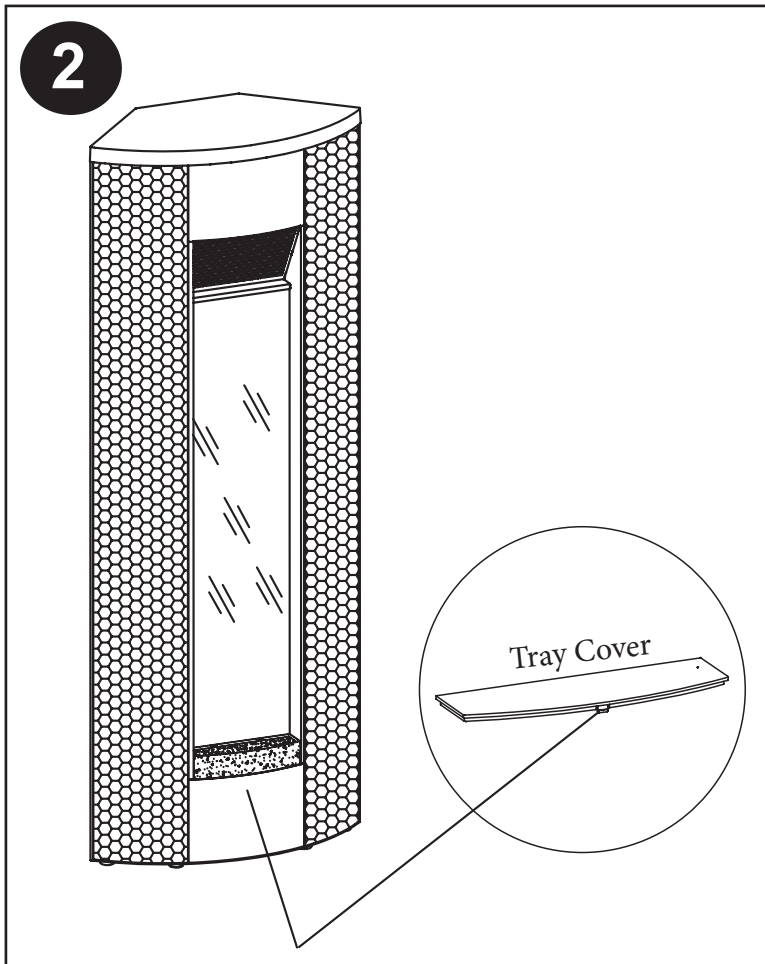
13. This appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the current CSA C22.1 Canadian Electrical Code or for U.S.A. installations, follow local codes and the National Electrical Code, ANSI/NFPA NO.70.
14. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the appliance.
15. 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 opening may become blocked.
16. This appliance 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. Christmas stockings or decorations should not be hung in the area of it.
17. Use this appliance only as described in the manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
18. CAUTION: Do not sit or stand on the heater; the heater may become unstable.
19. This heater may include a visual alarm to warn that parts of the heater are getting excessively hot. If the alarm flashes immediately turn the heater off and inspect for any objects on or adjacent to the heater that may cause high temperatures.  
DO NOT OPERATE THE HEATER WITH THE ALARM FLASHING!

## SAVE THESE INSTRUCTIONS

# INSTALLATION INSTRUCTIONS

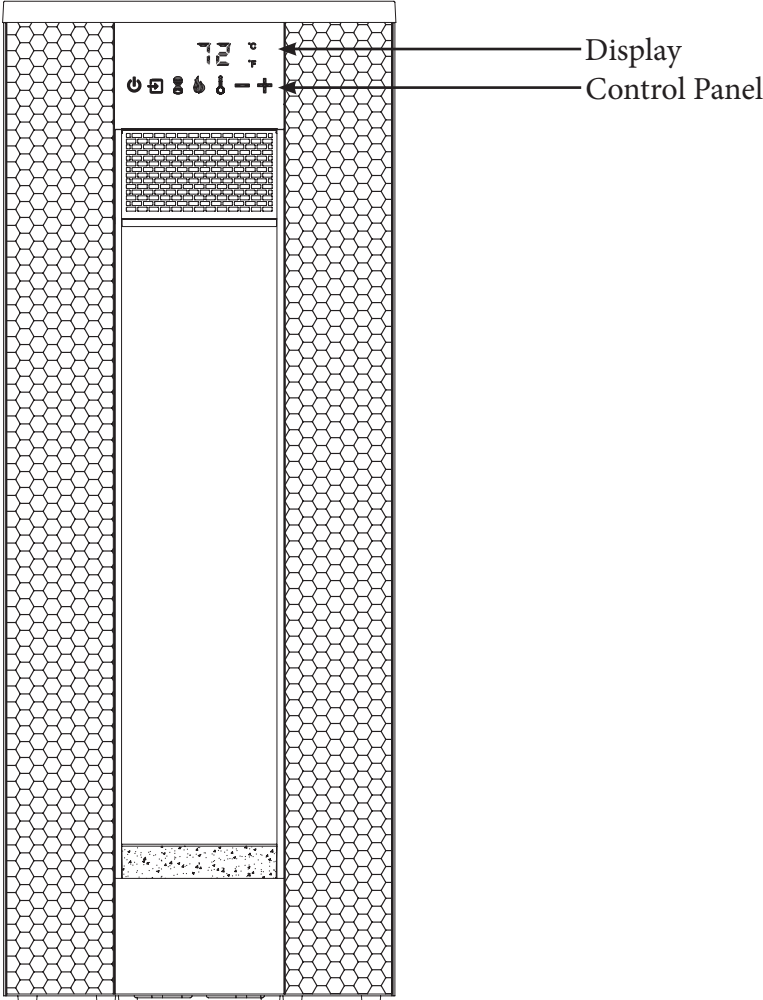


1. Open fireglass box cover by holding and pressing hook in the middle of box;

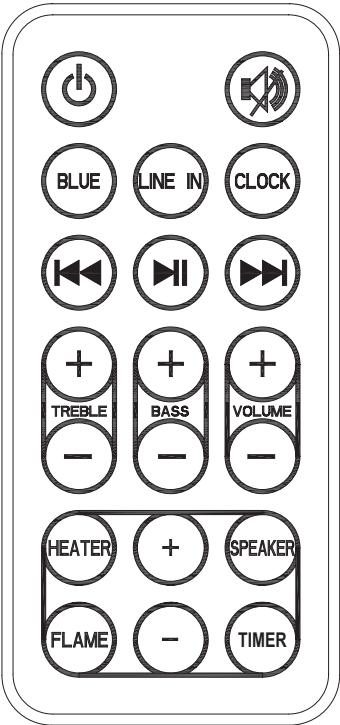


2. Carefully remove tray cover and place fireglass in; then re-install the tray cover.








# OPERATION INSTRUCTIONS





The heater can be operated by either the remote control or the control panel.



# OPERATION INSTRUCTIONS

FUNCTION	ICON	DESCRIPTION
POWER		<p>The POWER button supplies power to all the functions of the heater. Pressing the POWER button again the heater will be put in standby mode.</p> <p>With the power on press and hold the POWER button on the control panel for 10 seconds to disable the heater function.</p>
SPEAKER		<p>With the power on, press the Speaker button on the control panel to switch between bluetooth and line in.</p> <p>Pressing and holding the speaker button for 3 seconds will turn off the audio system.</p>
TIMER		<p>Pressing the timer button will cycle through the timer settings; 30 minutes, 1 Hour, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H and off.</p>
FLAME		<p>There are 5 brightness levels that can be selected.</p>
HEATER		<p>The thermostat setting range is 62°F - 82°F or 17°C - 27°C or continuously ON.</p> <p>The thermostat is adjustable by 2°F increments.</p> <p>The up and down buttons " + " - " on the remote will increase / decrease temperature setting.</p> <p>To change between °F and °C press and hold the HEATER button on the control panel for 3 seconds.</p>
ADJUSTMENT		<p>Adjust the volume if Speaker is ON</p> <p>Adjust the Timer if the Timer is ON</p> <p>Adjust the Flame Brightness if the Flame is ON</p> <p>Adjust the Heater Temperature if the Heater is ON</p>
MUTE		<p>Press MUTE button on the remote to mute and un-mute the volume.</p>

# OPERATION INSTRUCTIONS

FUNCTION	ICON	DESCRIPTION
BLUE		Press BLUE button on the remote to switch to Bluetooth input.
LINE IN		Press LINE IN button on the remote to switch to Line input.
CLOCK		<p>Press CLOCK button on remote to show the current time.</p> <p>For manual time setting: Hold "CLOCK" for 3 seconds until the hour digits flash. Press the "VOLUME + / -" buttons to set the hour.</p> <p>Press "CLOCK" again. The minute digits will flash. Press the "VOLUME + / -" buttons to set the minutes.</p> <p>Press "CLOCK" to confirm.</p>
PREV/NEXT		In Bluetooth mode, press PREV/NEXT buttons on remote to change the current track.
PLAY/PAUSE		In Bluetooth mode, press PLAY/PAUSE button on remote to play or pause the selected track.
TREBLE		Press TREBLE button on remote to adjust the TREBLE up or down.
BASS		Press BASS button on remote to adjust the BASS up or down.
VOLUME		Press VOLUME button on remote to adjust the volume.

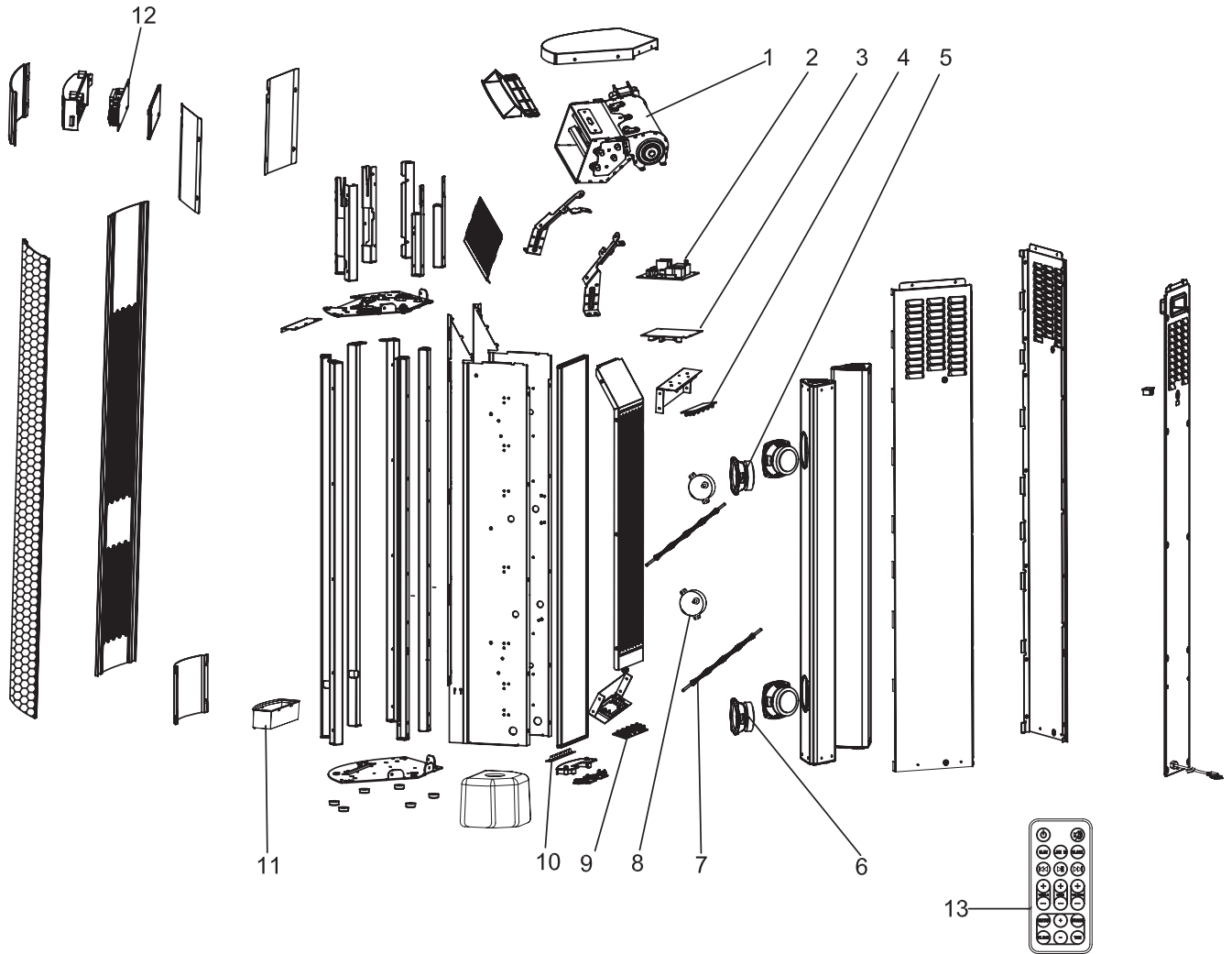
# TROUBLESHOOTING

Problem	Root Cause	Corrective Action
Display shows “ E 1 ”	The thermostat sensor is broken or disconnected.	Unplug the fireplace, remove the back panel of the fireplace and check that the thermostat is plugged into the main circuit board. If this does not solve the problem contact customer service for a replacement thermostat sensor.
Display shows “ E 2 ”	The thermostat sensor is broken.	Contact customer service for a replacement thermostat sensor.
Display shows “ E 3 ”	Manual Reset overheat protection has triggered.	Inspect the heater and check that the air inlets and outlets are not blocked as this may cause overheating. Unplug the heater for 30 minutes and allow it to cool down. Replug and operate, monitor the heater for signs of overheating, if the problem persist discontinue use of the heater and contact customer service.
Display shows “ E 4 ”	Power cord overheating protection has activated.	Check your heater cord and plug connections. Faulty wall outlet connections or loose plugs can cause the outlet or plug to overheat. Be sure the plug fits tight in the outlet. Heaters draw more current than small appliances, overheating of the outlet may occur even if it has not occurred with the use of other appliances. During use check frequently to determine if your plug outlet or faceplate is HOT! If so, discontinue use of the heater and have a qualified electrician check and/or replace the faulty outlet(s).
Heater does not blow warm air.	Cool down cycle	Normal operation, will continue to run for several minutes before shutting down. Times will vary based on temperatures. During this time cool air will blow.
	Not reaching set temperature.	Perform a master reset; turn off and unplug unit. Hold down main power button on the unit itself. Continue to hold button down while plugging unit back in. Once unit is plugged back in continue to hold button for 5 seconds and then release. Turn unit back on and temperature should flash 72 degrees then display the ambient room temperature.
	Not reaching set temperature.	Unit is designed to be used as a supplemental heat source in conjunction with a primary heat source.
Temperature display not matching room temperature read by other thermostats.	Calibration	Press and hold timer button, 00 flashes then a single digit between -9 degrees to 9 degrees will appear. At this point release the timer button and use the arrow up/down button to adjust the temperature variance up to 9 degrees +/- . After 10 second without control input the heater will exit thermostat calibration.
The heater is taking a long time to reach desired room temperature.	Improper use of unit	Unit is designed to be used as a supplemental heat source in conjunction with a primary heat source.
	Location	Your unit should always be positioned on an inside wall with proper insulation. The heater provides supplemental heating for up to 1000 sq/ft in conjunction with a primary heat source.
	Location	The back and side of the heater should be greater than 6 inches away from objects for proper air intake.
	Use of surge protector/ extension cord.	Plug unit directly into the wall outlet.
Temperature will not change.	Defective control panel circuit board.	Replace control panel circuit board.
Heater does not turn on but other functions work fine.	Manual reset needed	Turn the POWER to “OFF” and unplug the unit from the wall outlet for 5 minutes. After 5 minutes plug the unit back into wall outlet, and operate as normal. If the problem persist contact customer service.
Unit continues to run after reaching set temperature/ or powering off.	Cool down cycle	Normal operation, will continue to run for several minutes before shutting down. Times will vary based on heating. UNIT WILL BLOW COOL AIR.
Heat turns on randomly.	Ambient room temperature scan.	Normal operation, unit will periodically run to test air temperature. Will run 3 minute of cool air and 3 minutes of warm air.
Buttons do not work.	Defective control panel circuit board.	Replace control panel circuit board.
Control panel does not illuminate.	Defective control panel circuit board.	Replace control panel circuit board.
Remote Control is not working.	No batteries or battery power.	Change the remote batteries.
	poor signal	Operate remote transmitter at a slow measured pace. Press the remote control buttons with an even motion and gentle pressure. Repeatedly pressing buttons in rapid succession may cause the transmitter to malfunction.
	Distance	Operate the remote at a distance less than 20 feet from the front of the appliance; point the remote at the control panel.



# EXPLODED VIEW

Part	Part Name	Part Number
1	Blower/Heater Assembly	Y15-S157-P01
2	Main Circuit Board	Y15-S157-P15
3	Power Circuit Board	Y15-S157-P78
4	Upper Flame Circuit Board	Y15-S157-UF
5	Main Speaker	Y15-S157-MS
6	Bass Speaker	Y15-S157-BS
7	Spinner	Y15-S157-P11
8	Spinner Motor	Y15-S157-P10
9	Lower Flame Circuit Board	Y15-S157-LF
10	Uplight PCBA	Y15-S157-UP
11	Fireglass Tray	Y15-S157-FT
12	Control Panel Circuit Board	Y15-S157-P32
13	Remote Control	P121



# FCC/IC INFORMATION

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Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.

# BATTERY REPLACEMENT

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When the remote control stops operating or its range seems reduced, it is time to replace the battery with a new one.

1. The battery compartment is located on the back end of the remote.
2. Press and slide the battery door open and remove the old battery.
3. Insert 1pc CR2025 battery, checking that the + and - sides of the battery match inside the battery compartment.
4. Replace the battery compartment door.

CAUTION:

- Always purchase the correct size and grade of battery most suitable for the intended use.
- Replace all batteries of a set at the same time.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed correctly with regard to polarity (+ and -).
- Remove batteries from equipment which is not to be used for an extended period of time.
- Remove used batteries promptly.

Note: Caution do not ingest batteries. If batteries are swallowed immediately call poison control.

# 3-YEAR LIMITED WARRANTY

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The manufacturer warrants that your new Speaker is free from manufacturing and material defects for a period of three years from date of purchase, subject to the following conditions and limitations.

1. Install and operate this Electric Appliance in accordance with the installation and operating instructions furnished with the product at all times. Any unauthorized repair, alteration, willful abuse, accident, or misuse of the product shall nullify this warranty.
2. This warranty is non-transferable, and is made to the original owner, provided that the purchase was made through an authorized supplier of the product.
3. The warranty is limited to the repair or replacement of part(s) found to be defective in material or workmanship, provided that such part(s) have been subjected to normal conditions of use and service, after said defect is confirmed by the manufacturer's inspection.
4. The manufacturer may, at its discretion, fully discharge all obligations with respect to this warranty by refunding the wholesale price of the defective part(s).
5. Any installation, labor, construction, transportation, or other related costs/expenses arising from defective part(s), repair, replacement, or otherwise of same, will not be covered by this warranty, nor shall the manufacturer assume responsibility for same.
6. The owner/user assumes all other risks, if any, including the risk of any direct, indirect or consequential loss or damage arising out of the use, or inability to use the product, except as provided by law.
7. All other warranties – expressed or implied – with respect to the product, its components and accessories, or any obligations/liabilities on the part of the manufacturer are hereby expressly excluded.
8. The manufacturer neither assumes, nor authorizes any third party to assume on its behalf, any other liabilities with respect to the sale of the product.
9. The warranties as outlined within this document do not apply to non accessories used in conjunction with the installation of this product.
10. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This warranty is void if:

- a. The Speaker is subjected to prolonged periods of dampness or condensation.
- b. Any unauthorized alteration, willful abuse, accident, or misuse of the product.
- c. You do not have the original receipt of purchase.

## CUSTOMER SERVICE

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[www.tsicustomerservice.com](http://www.tsicustomerservice.com)

For Customer Service Call 1-866-661-1218

Questions? Our experts are standing by assist you at our Toll-Free help line, we can help you with assembly, and, if necessary replace damaged/missing parts. Assistance is available 7 days a week/24 hours a day/365 days per year.

**IMPORTANT:**

Before contacting Customer Service please have this information available:

- Serial Number
- Model Number
- Sales Receipt or Proof of Purchase



## **WARNING – TO REDUCE THE RISK OF FIRE:**

- 1) Do not place any objects such as furniture, papers, clothes, and curtains closer than 3 feet(0.9 m) to the front of the heater and keep them away from the sides and rear when the heater is plugged in.
- 2) Do not place the heater near a bed because objects such as pillows or blankets can fall off the bed and be ignited by the heater.
- 3) Always unplug heater when not in use.
- 4) Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- 5) Check your heater cord and plug connections. A loose fitting outlet can cause the plug to overheat or cause a fire. Be sure plug fits tight in the outlet. Check frequently during use to make sure plug and outlet are not hot. If so, discontinue using heater and have outlet replaced by a qualified electrician.

Note: Heaters draw more current than small appliances, overheating of the outlet may occur even if it has not occurred with the other appliances.

**DO NOT REMOVE THIS TAG!**

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## **AVERTISSEMENT – POUR DIMINUER LE DANGER D'INCENDIE :**

- 1) Quand le chauffage est en marche, ne placer aucun objet, tels que des meubles, du papier, des vêtements et des rideaux à une distance inférieure à 90 cm de la face avant du chauffage et les éloigner des faces latérales et arrière.
- 2) Ne pas placer le chauffage près de la literie, car les objets tels que les coussins ou draps peuvent tomber du lit et être enflammés par le chauffage.
- 3) Toujours débrancher le chauffage quand il n'est pas utilisé.
- 4) Toujours brancher le chauffage directement à une prise murale. Ne jamais utiliser une rallonge, prise ou multiprise électrique non fixe.
- 5) Vérifier votre cordon du chauffage et les prises enfichables. Un branchement lâche de la prise de courant murale peut provoquer une surchauffe ou un risque d'incendie. Assurez-vous que le connecteur tient bien fermement dans la prise de courant murale. Vérifier fréquemment pendant le fonctionnement que la fiche du cordon et que la prise de courant ne soient pas chaud. Si c'est le cas, cesser d'utiliser le chauffage et faites remplacer la prise de courant par un électricien qualifié.

Note: Les chauffages consomment plus de courant que les petits appareils électriques, la surchauffe de la prise de courant murale peut survenir même si elle ne s'est pas produite avec l'utilisation d'autres appareils.

**NE PAS ENLEVER CETTE ÉTIQUETTE !**

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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