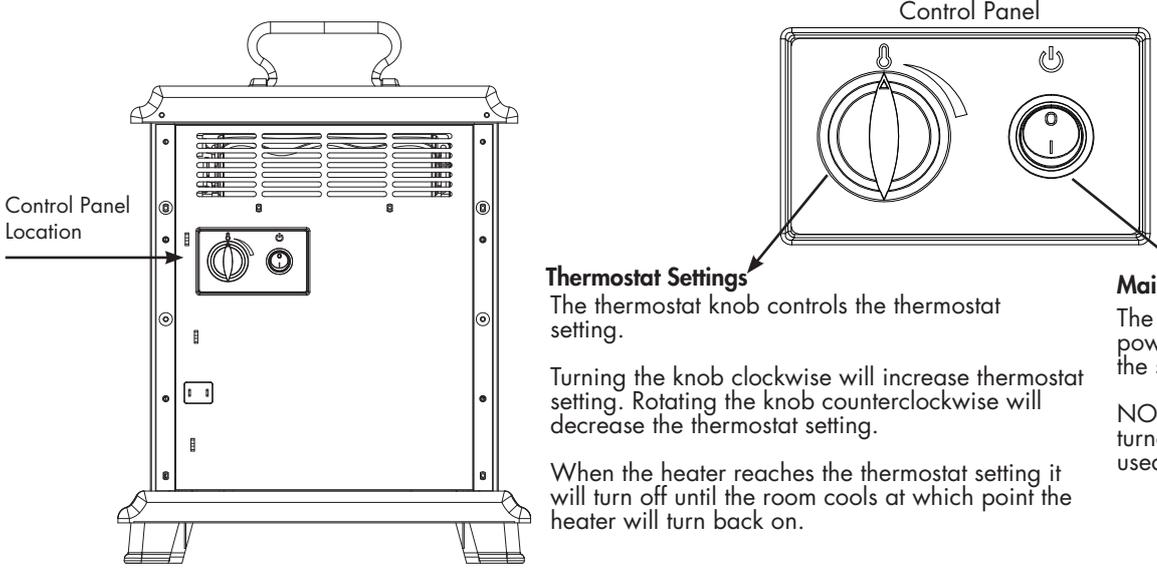


MODEL: DFS-40209

Go to tsicustomerservice.com for product warranty registration

OPERATING INSTRUCTIONS



Control Panel Location

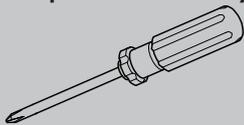
Control Panel

Thermostat Settings
The thermostat knob controls the thermostat setting.
Turning the knob clockwise will increase thermostat setting. Rotating the knob counterclockwise will decrease the thermostat setting.
When the heater reaches the thermostat setting it will turn off until the room cools at which point the heater will turn back on.

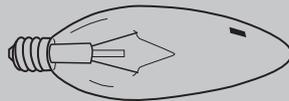
Main Power Switch
The Power Switch supplies power to all of the functions of the stove.
NOTE: Main Power must be turned ON for the heat to be used. 0 is off and 1 is on.

BULB REPLACEMENT

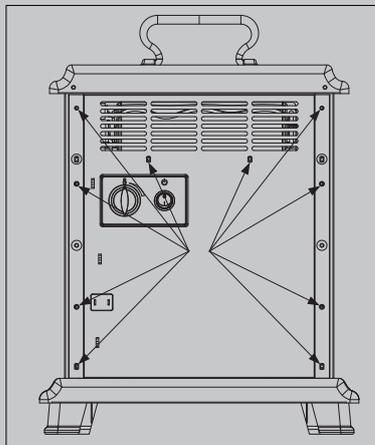
Tools Required for Assembly



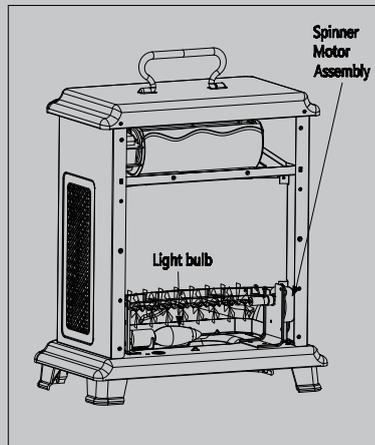
Phillips Head Screwdriver



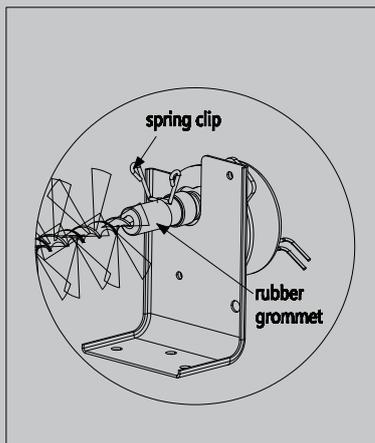
Clear, 40-watt, E12 socket base light bulb (candelabra base, B bulb).



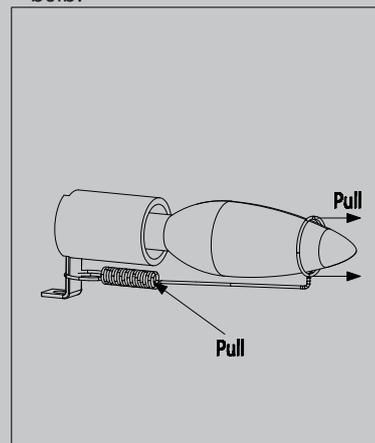
1. Remove the Phillips head screws.



2. Remove back panel to access light bulb.



3. Pinch this spring clip to loosen. Gently turn and pull the rubber grommet of the motor shaft.



4. Pull away the bulb retaining spring, unscrew the old bulb, and replace with a new 40w candelabra bulb.

PRODUCT SPECIFICATIONS

VOLTAGE	120 VAC, 60 Hz
AMPS	12.5 Amps
WATTS	1500 Watts

For Customer Service:

tsicustomerservice.com

(+1) 888-674-7517

8:30 a.m.-5:30 p.m., EST, Monday-Friday

Note: When first running the heater there may be an odor. This is normal as the heater has a surface coating on the internal parts. For the first several hours of operation, the coating reacts with the internal parts to permanently protect them. The odor is safe; if you are sensitive to the odor, it is recommended to run the heater in a well-ventilated area until the odor dissipates.

Warning: This is an unvented, electric appliance. DO NOT attempt to burn wood or manufactured firelogs in or on this appliance or grate.

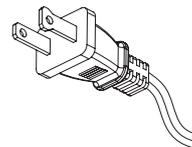
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IMPORTANT INSTRUCTIONS

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. Children being supervised not to play with the appliance.
6. If possible, always unplug this appliance when not in use.
7. 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.
8. 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.
9. Any repairs to this fireplace should be carried out by a qualified service person.
10. Under no circumstance should this fireplace be modified. Parts having to be removed for servicing must be replaced prior to operating this fireplace again.
11. Do not use outdoors.
12. 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.
13. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
14. To disconnect this appliance, turn controls to the off position, then remove plug from outlet.
15. Connect to properly grounded outlets only.
16. This appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the current CSA C22.2 Canadian Electrical Code or for U.S.A. installations, follow local codes and the National Electrical Code, ANSI/NFPA NO.70.
17. There is a thermostat limiter inside the heater. When the inner temperature over-heats or abnormal heating occurs, the thermostat protective device would cut off power supply to prevent damage or risk of fire.
18. The heaters must not be located immediately below a socket-outlet.
19. 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.
20. 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.
21. 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 stove should not be used as a drying rack for clothing, Christmas stockings or decorations should not be hung in the area of it.
22. 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.
23. Always plug heaters directly into a wall outlet/ receptacle. This heater is for use on 120 volts. Never use with an extension cord or relocatable power tap (power strip).
24. This product is equipped with a polarized plug (one blade is wider than the other blade). To reduce the risk of electrical shock, this plug will fit into a polarized outlet only one way. This is a safety feature. If you are unable to insert the plug into the electrical outlet, try reversing the plug. If the plug still does not fit, contact a qualified electrician.



1-YEAR LIMITED WARRANTY

The manufacturer warrants that your new Electric Stove is free from manufacturing and material defects for a period of one year from date of purchase, subject to the following conditions and limitations.

1. Install and operate this Electric Stove 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 fireplace 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.

IF WARRANTY SERVICE IS NEEDED

Contact the manufacturer by calling customer service department at 1-888-674-7517, 7 days a week 24 hours a day at our toll-free help line. Our Consumer Service department is available Monday – Friday 8:30 am – 5:30 pm EST.

Make sure you have your warranty, your sales receipt, location of purchase and the model/serial number of your product.

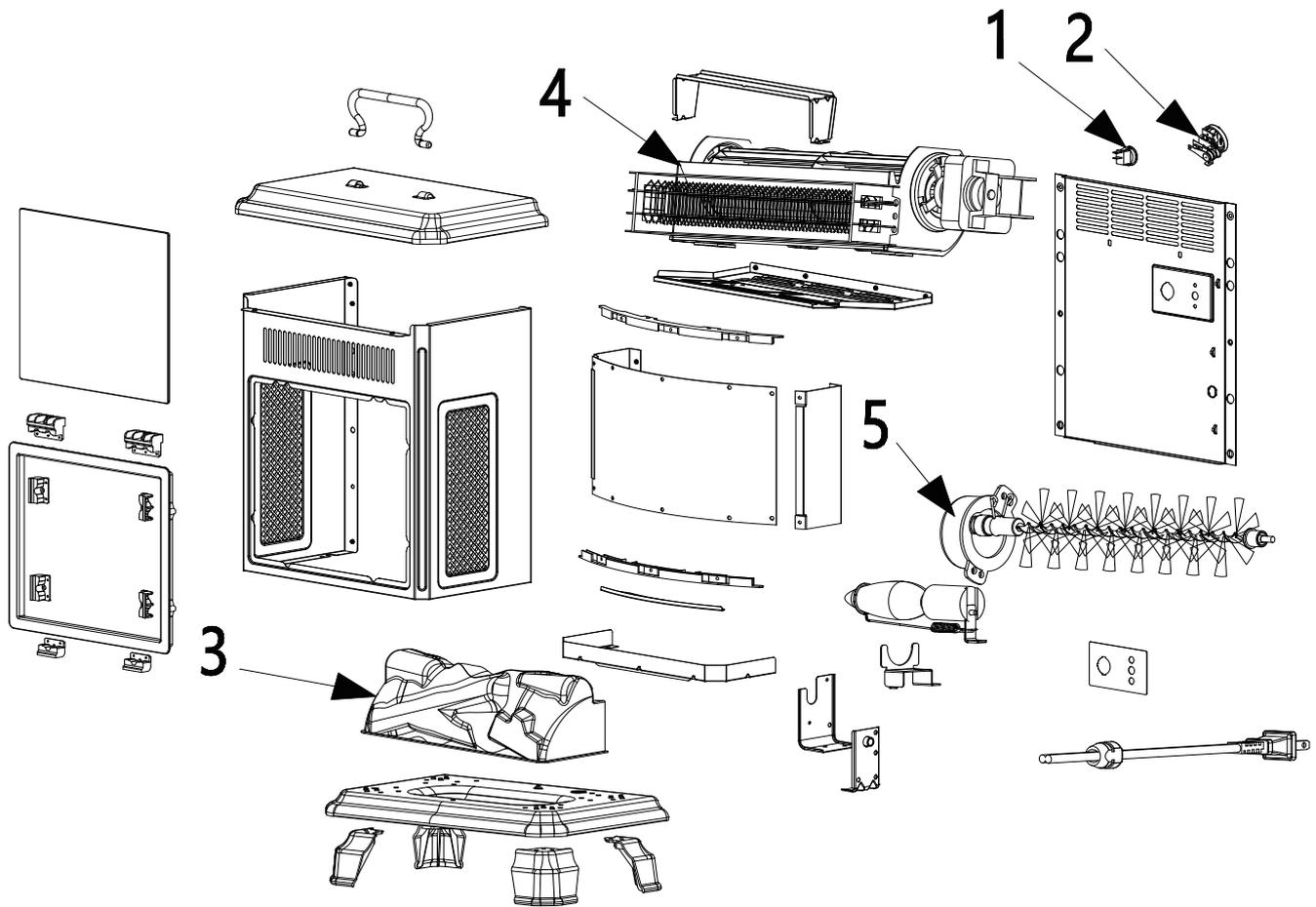
SAVE THESE INSTRUCTIONS

TROUBLESHOOTING GUIDE

Problem	Root Cause	Corrective Action
1. No power	1. Power cord was not plugged into the outlet.	1. Check that unit is plugged directly into a standard 120 volt outlet.
2. Fire Cube does not turn on manually.	2a. No incoming power from the electrical wall socket or switches. 2b. Improper operation.	2a. Check circuit breakers and move unit to another outlet. 2b. Manually press main power button from back of unit.
3. Flames are not moving	3. Flame Generator/Spinner detached from the Flame Generator Drive Motor	3. Unplug the Fire Cube and remove the back panel and check to see if "Flame Generator/Spinner" is correctly mounted to the Flame Generator Drive Motor.
4. Flames are not visible	4. Burnt out light bulb.	4. Follow bulb replacement instructions to replace the light bulb.
5. Heater is not turning on	5. Improper operation	5. Manually press main power button on back of unit.
6. Not producing enough heat	6a. Power strip/surge protector/extension cord being used 6b. Location of unit	6a. Plug unit directly into the wall. 6b. Make sure unit is located on an interior wall or away from drafty doors or windows.
7. Excessive noise with the heater on	7. Dirty heater blower motor	7. Gently vacuum heater blower vents.
8. Noise with flames on and heater off	8a. Dented back panel 8b. Warped Flame Generator/Spinner shaft	8a. Contact customer service 8b. Contact customer service
9. Power cord gets warm	9. Normal operation	9. 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).
10. Is it safe to place unit on carpet?	10. Product inquiry	10. It is safe to place unit on carpet but make sure any flammable items are at least 3 feet (0.9 m) away from front and sides of the unit.
11. How many square feet will my unit warm up?	11. Product inquiry	11. Provides supplemental heat up to 400 square feet
12. Heater doesn't work, but Power and Heaters switches are in the "ON" position and thermostat is set on the highest level.	12. The thermal protector has tripped.	12. Turn all switches to the "OFF" position 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.

EXPLODED VIEW

Part	Part Name	Part Number
1	Power Switch	P06-S-C
2	Adjustable Thermostat	Y18-S261-P06
3	Ember bed	Y18-S261-P02
4	Heater/Blower Assembly	Y18-S261-P01
5	Flame Generator Drive Motor	P10-Q-S



CARE AND MAINTENANCE

- Clean the trim using a soft cloth, slightly dampened with citrus oil based product and buff with a clean soft cloth.
- DO NOT use brass polish or household cleaners as these products will damage the metal trim. Citrus oil based products can be obtained at supermarkets or hardware stores.
- **WARNING:** Electrical outlet wiring must comply with local building codes and other applicable regulations to reduce the risk of fire, electrical shock and injury to persons.
- **Warning:** Disconnect power before attempting any maintenance or cleaning to reduce the risk of fire, electrical shock or personal injury.