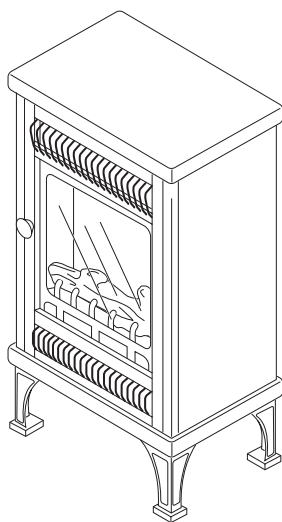


DESATM

HEATING PRODUCTS

ELECTRIC STOVE MODEL CGESS SAFETY INFORMATION AND OPERATION MANUAL



Read these instructions completely before operating electric stove. Failure to follow them could cause a heater malfunction resulting in serious injury and/or property damage.

Save this manual for future reference.

For more information, visit www.desatech.com

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SAFETY INFORMATION

⚠ WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual for further information.

⚠ WARNING: Risk of fire - keep combustible material away from the front of the heater. Keep electrical cords, drapery and other furnishings at least 3 feet from the front and sides of electric stove.

⚠ WARNING: Servicing should be done only while the heater is disconnected from the power supply circuit.

⚠ WARNING: Any other use not recommended or described in your owner's manual may cause fire, burns, electric shock and/or other serious injuries or death.

Your electric stove is classified as an electric heater. As with any electrical appliance and particularly with electric heaters, basic precautions must be followed in order to reduce the risk of fire, burns, electrical shocks and/or other serious injuries or death.

1. Read all instructions before using this heater.
2. The unit can become hot when in use. To avoid accidental burns, do not allow bare skin to come into contact with the hot surfaces of the unit. Keep children and pets away from unit when in use.

3. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet from heater. Do not use this unit in areas where gasoline, paint or other flammable liquids or their associated vapors may be present.
4. Do not use this unit for drying wet clothes.
5. Do not operate unit if it is damaged or has malfunctioned. If you suspect the unit is damaged, return it to an authorized service facility for examination, electrical or mechanical adjustment or repair.
6. Do not use this unit outdoors.
7. Do not use or install this unit in areas prone to dampness or where it may come into contact with water. This heater is not intended for use in bathrooms, laundry areas or other locations where water may be present.
8. To reduce the risk of fire, do not place or install this unit in areas where the ventilation or circulation ducts may become blocked.
9. Do not insert or allow foreign objects to enter any of the ventilation or circulation ducts as this may cause electric shock, fire or otherwise damage the unit.
10. The unit's power supply cord must be connected to a properly grounded and protected, 120-volt electrical outlet. Always use ground fault protection where required by the electrical code. To reduce the risk of fire, avoid running power supply cord under rugs, carpets, etc. Keep the power supply cord away from high traffic area where it may pose a tripping hazard.
11. 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 should be No. 14 AWG minimum size with a grounding plug and rated not less than 1875 WATTS.

SAFETY INFORMATION

Continued

12. Always disconnect the unit from the power supply before performing any cleaning, light bulb replacement, maintenance, relocating the heater or when the unit is not in use for long periods of time.
13. When transporting or storing the unit, keep it in a dry location, free from dust, excessive vibration or other factors, which may damage the unit.

LISTING APPROVALS

This heater has been tested in accordance with the CSA Standards for fixed and location-dedicated electric room heaters in the United States. All components are UL or CSA safety certified.

If you need assistance during installation, please contact your local dealer or the DESA Heating Products Technical Services Department at 1-866-672-6040.

UNPACKING AND TESTING THE UNIT

Carefully remove the unit from the box. Prior to permanently installing the unit, test to make sure the unit operates properly by plugging the power supply cord into a conveniently located 120-volt grounded outlet.

⚠ CAUTION: The unit's power supply cord must be connected to a properly grounded and protected 120-volt outlet. Always use ground fault protection where required by the electrical code.

⚠ WARNING: Do not operate the unit if it is damaged or has malfunctioned. If you suspect the unit is damaged, return the unit to an authorized service facility for examination, electrical or mechanical adjustment or repair.

PRODUCT DIMENSIONS & SPECIFICATIONS

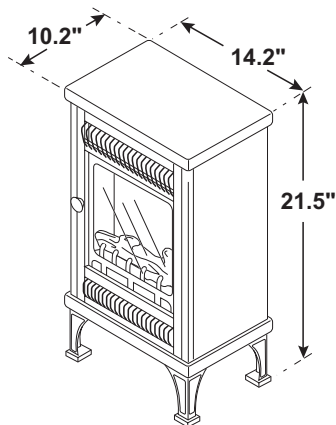


Figure 1 - Heater Dimensions

Frequency	60 Hz
Heater Power	1500 W
Heater Output	5000 BTUs
Power Supply	120V; 15 Amp Grounded, Circuit

Note: A dedicated power supply circuit is recommended for the unit but not required. Additional electrical appliances on the same circuit may exceed the current (amperage) rating for that circuit. If after the installation of your unit, the circuit breaker trips or the fuse fails on a repeated basis, then a dedicated circuit will likely be required. Any new wiring must be done in compliance with local and national codes and other applicable regulations in order to reduce the risk of fire, electric shock or other injuries. Therefore, it is strongly recommended that you hire a licensed electrician to complete any such work.

GROUNDING INSTRUCTIONS

This stove is for use on 120 volts. The cord has a plug as shown in Figure 2. An adapter is available for connecting three-blade grounding-type plugs to two-slot receptacles. The green 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.

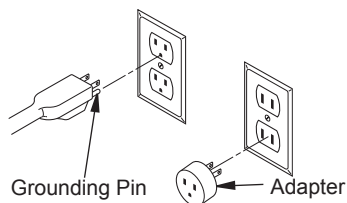


Figure 2 - Grounding Methods

OPERATING INSTRUCTIONS

Once the unit has been properly connected to a ground electrical outlet, it is ready to operate.

Note: Ensure the circuit breakers for power supply are turned on.

CONTROL PANEL OPERATION

Controls are located on the back of the unit near the top (see Figure 3).

1. **Main ON/OFF power switch:** This switch is located at the furthest right corner on the control panel when looking at the back of the unit. Turn the switch to ON and unit will be ready to operate. The "I" indicates ON and "O" indicates OFF.
2. **Flame ON/OFF Switch:** This switch is located in the middle between the Main ON/OFF switch and the Heater ON/OFF switch on the control panel when looking at the back of the unit. Turn the switch to ON and the flame effect will turn on. The "I" indicates ON and the "O" indicates OFF.
3. **Heater ON/OFF Switch:** This switch is located to the left of the Flame ON/OFF switch on the control panel. It has a symbol of the sun directly below it.
4. **Thermostat Control Dial:** This dial is located at the furthest left corner on the control panel. It has a symbol of a thermostat directly below it. Turn the dial clockwise past the number 8.

You should hear a small clicking sound indicating the heater has started and heat will emit from the vents at the top of the unit from the front. To turn off heater, turn the dial counter clockwise past number 1 and turn the Heater Switch to OFF position. To increase the desired temperature, turn the dial clockwise towards Number 9.

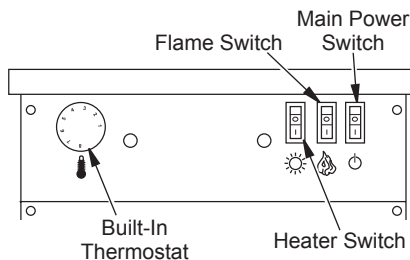


Figure 3 - Electric Stove Control Panel

CLEANING AND MAINTENANCE

WARNING: Always disconnect power and allow the heater to cool before performing any cleaning, maintenance or relocation of this heater. Turn controls to OFF and remove plug from outlet or turn off circuit breaker to heater.

Turn off heater and circuit breaker to heater before performing any cleaning and/or maintenance. Allow heater to cool completely.

BULB REPLACEMENT

WARNING: The halogen light bulbs in your unit can become extremely hot. Allow at least 10 minutes between turning off the heater and removing the light bulbs to avoid accidental burns.

There are a total of 4 (halogen light bulbs (type GX6.35 rated 120 volts, 35 watts) in your unit.

- 1 bulbs provide illumination for the ember bed beneath the log set
- 1 bulbs provide illumination for the flame generation assembly
- 2 bulbs for replacement

CLEANING AND MAINTENANCE

Continued

Most halogen light bulbs are rated to last approximately 1800 hours. Like all light bulbs, halogen bulbs require periodic replacement. When the bulbs in your unit have burned out you will notice one or more of the following:

- Flame is dim or dark in certain areas
- Log set ember bed appears dim or dark in certain areas

WARNING: Do not install replacement bulbs that exceed specified maximum watts.

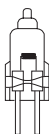


Figure 4 - Replacement Light Bulb

Your unit must be opened in order to replace the light bulbs. To reduce the number of times you need to open the unit, replace all bulbs at the same time if they are close to the end of their rated life.

Tools Required: Phillips Screw Driver

Replacing Flame Generation Bulb

1. Unplug unit from the power supply.
2. Remove the six screws from the back of stove as shown in Figure 5. Remove back plate.
3. Locate the flame generation cylindrical drum (see Figure 6). It is constructed of two removable halves. They are two matte black sheet-metal pieces with holes in them, either of which can be removed from the unit.
4. Squeeze half of drum cylinder until its top edge clears the top drum track. Remove the bottom edge of the cylinder drum from the bottom drum track. This will give you access to the light bulbs. **Note:** Do not exert excessive pressure on the drum cylinder as this may cause damage.
5. Remove spring clip. Hold socket and pull out old bulb.
6. Hold socket and push in new bulb. Replace spring clip.
7. Insert bottom edge of removed cylinder half into bottom of drum track. Gently squeeze drum cylinder until its top edge fits into top drum rack.

8. Secure the rear cover of the unit to the main frame by reattaching the 6 screws remove in step 1.

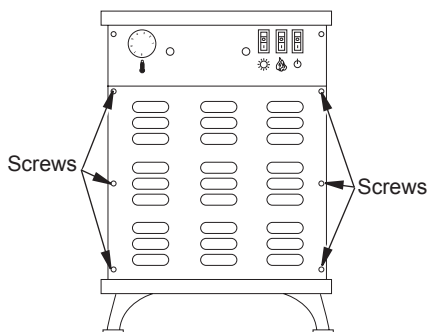


Figure 5 - Screw Locations

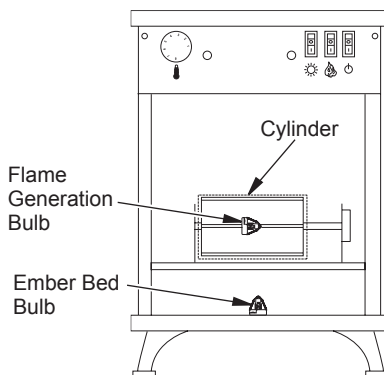


Figure 5 - Cylinder and Bulb Locations


Replacing Ember Bed Bulbs

1. Unplug unit from the power supply.
2. Remove the six screws from the back of stove as shown in Figure 5. Remove back plate.
3. Locate the ember bed light bulb in the bottom of the unit shown in Figure 6. It is under the flame generation cylindrical drum toward the front of the unit.
4. Remove spring clip. Hold socket and pull out old bulb.
5. Hold socket and push in new bulb. Replace spring clip.
6. Secure the rear cover of the unit to the main frame by reattaching the 6 screws remove in step 1.


CLEANING AND MAINTENANCE

Continued

CLEANING FRONT PANEL GLASS

 **WARNING:** When cleaning unit, the power supply should be disconnected and the unit should be cool.

Over time the front glass panel may become dirty or dusty. Dust can be removed by lightly rubbing the glass surface with a clean, lint free cloth or paper towel. To remove fingerprints or other marks, use a damp cloth with a good quality household glass cleaner. The front glass panel should be completely dried with a clean, lint free cloth or paper towel.

 **CAUTION:** Do not use abrasive cleaners on glass panel. Do not spray liquids directly onto any surface of the unit.

STORAGE

When not in use, unplug the unit from the power supply and store in dry, dust free location.

TECHNICAL SERVICE

You may have further questions about your electric stove. If so, contact DESA Heating Products' Technical Service Department at 1-866-672-6040. When calling please have your model and serial numbers of your heater ready.

You can also visit DESA Heating Products' technical services web site at www.desatech.com.

REPLACEMENT PARTS

Note: Use only original replacement parts. This will protect your warranty coverage for parts replaced under warranty.

PARTS UNDER WARRANTY

Contact authorized dealers of this product. If they can't supply original replacement part(s), call DESA Heating Products' Technical Service Department at 1-866-672-6040.

When calling DESA Heating Products, have ready

- your name
- your address
- model and serial numbers of your heater
- how heater was malfunctioning
- purchase date

Usually, we will ask you to return the part to the factory.

PARTS NOT UNDER WARRANTY

Contact authorized dealers of this product. If they can't supply original replacement part(s), call DESA Heating Products at 1-866-672-6040 for referral information.

When calling DESA Heating Products, have ready

- model number of your heater
- the replacement part number

TROUBLESHOOTING

 **WARNING: Turn off appliance and let cool before servicing. Only a qualified service person should service and repair heater.**

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
Stove turns off and will not turn on	1. Stove has overheated and safety device has cause thermal switch to disconnect or home circuit breaker has opened	1. Reset switch by turning main power switch off and waiting 5 minutes then turning it back on
Flame is not moving	1. Loose wiring 2. Flame motor defective	1. Inspect wiring for loose connections 2. Call a qualified service technician to replace flame motor
Dim or poorly visible flame	1. Bulb is burnt out 2. Wiring is loose	1. Inspect bulb and replace if necessary 2. Inspect wiring for loose connections and repair or replace if necessary
Log set and/or ember is not glowing	1. Bulb is burnt out	1. Inspect bulb and replace if necessary
Flame sputters	1. Flame motor is defective	1. Call a qualified service technician to replace flame motor

WARRANTY INFORMATION

KEEP THIS WARRANTY

Model _____
Serial No. _____
Date Purchased _____

Always specify model and serial numbers when communicating with the factory.

We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty. We make no other warranty, expressed or implied.

LIMITED WARRANTY ELECTRIC STOVE

DESA Heating Products warrants this product to be free from defects in materials and components for one (1) year from the date of first purchase (excluding bulbs), provided that the product has been properly installed, operated and maintained in accordance with all applicable instructions. To make a claim under this warranty the Bill of Sale or cancelled check must be presented.

This warranty is extended only to the original retail purchaser. This warranty covers the cost of part(s) required to restore this heater to proper operating condition (excluding bulbs and fuses) and an allowance for labor when provided by a DESA Heating Products Authorized Service Center. Warranty part(s) MUST be obtained through authorized dealers of this product and/or DESA Heating Products who will provide original factory replacement parts. Failure to use original factory replacement parts voids this warranty. The heater MUST be installed by a qualified installer in accordance with all local codes and instructions furnished with the unit.

This warranty does not apply to parts that are not in original condition because of normal wear and tear or parts that fail or become damaged as a result of misuse, accidents, lack of proper maintenance or defects caused by improper installation. Travel, diagnostic cost, labor, transportation and any and all such other costs related to repairing a defective heater will be the responsibility of the owner.

TO THE FULL EXTENT ALLOWED BY THE LAW OF THE JURISDICTION THAT GOVERNS THE SALE OF THE PRODUCT; THIS EXPRESS WARRANTY EXCLUDES ANY AND ALL OTHER EXPRESSED WARRANTIES AND LIMITS THE DURATION OF ANY AND ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO ONE (1) YEAR ON ALL COMPONENTS FROM THE DATE OF FIRST PURCHASE; AND DESA HEATING PRODUCTS' LIABILITY IS HEREBY LIMITED TO THE PURCHASE PRICE OF THE PRODUCT AND DESA HEATING PRODUCTS SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES WHATSOEVER INCLUDING INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow a limitation on how long an implied warranty lasts or an exclusion or limitation of incidental or consequential damages, so the above limitation on implied warranties or exclusion or limitation on damages may not apply to you.

This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

For information about this warranty write:

DESATM
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Bowling Green, KY 42102-9004
www.desatech.com



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