



OWNER'S MANUAL



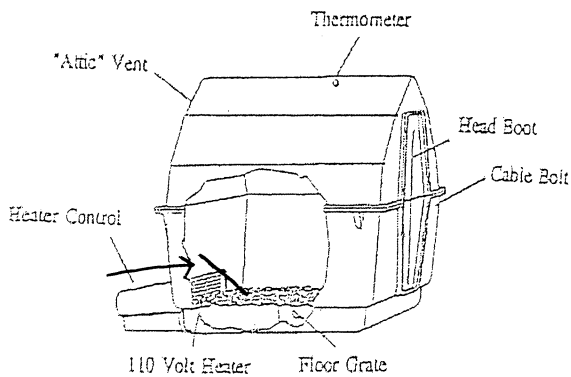
22919 N. Coburg Rd.
Harrisburg OR 97446
1-800-333-4503



Congratulations on your purchase of the Roy-L-Heat Animal Warmer. This product was specifically designed to help you save hypothermic calves.

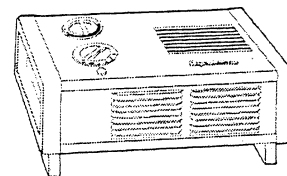
Assembly

1. Cut the straps and remove the floor grate and parts box. Now separate the two halves of the unit and open the parts box.



2. Place the top and bottom of the box side by side in order to fasten the hinge. Make sure both halves of the head boot are at the same end. Slide the free half of the hinge under the lip of the top half of the box and align the holes. Now take five #10 screws and washers and insert the screws through from the plastic side of the hinge/box connection. Fasten with #10 nuts.

3. Slide the heater into the opening at the rear end of the box.



4. Attach the cable to the bottom half of the box at the top of the head boot bracket. Use one $\frac{1}{4}$ " x 1" bolt and one $\frac{1}{4}$ " nyloc nut. Lift the top half up to position the cable for bolting. The bolt should go through the cable and the $\frac{1}{4}$ " hole on the top left hand side of the head boot and bracket.
5. Slide the thermometer through the hole at the top right of the box lid opposite the hinge side.
6. Now lay the grate into the box with the rubber flap attached to the grate facing up and towards the heater end. The rubber flap serves as a protector for the heater.

Parts Box Contents

- (1) Heater
- (2) (5) #10 Screws
- (3) (5) #10 Washers
- (4) (5) #10 Nuts
- (5) (1) ¼" x 1" Bolt
- (6) (1) ¼" Nyloc Nut
- (7) (1) Thermometer

Operations

1. After connecting the power cord to a grounded 120-volt source, (we recommend a 20-amp circuit). Preheat the box, by setting the heat selector switch to #4 and the thermostat on high, (in order to warm up the grate). **NOTE:** In extremely cold temperatures, there can be a difference of approximately 15° from the floor to the ceiling in the calf box. To help alleviate this situation, put a heavy blanket or sleeping bag over the outside of the box, (keeping the blanket away from the heater enclosure).
2. After warming the box 5-10 minutes, observe the temperature on the thermometer. To adjust the temperature setting, ***See diagram at the end of this manual.** We recommend keeping the temperature as close to 100°F as possible. To have less fluctuation in temperature, turn the heat selector switch to #3 and set the thermostat to maintain the desired temperature. The heater will then cycle on & off to keep the desired temperature.
3. Open the lid and place the cold stressed animal in the box with its head near the head boot at the right end. Close the lid and allow the animal to breathe the warm air inside the box. If, after a time, you are concerned that the animal may need fresh air, just push its head out through the head boot. This will allow the animal to breathe outside air while still warming its body. This may not be necessary for survival, but warm, dry air can dry out the lungs of a newborn calf.
4. Warm the animal slowly. Length of time can vary depending on the severity of hypothermia and humidity. An estimate could range from 30 minutes to 2 hours. In the case of a wet animal, open the vent to release excess moisture. This will aid in the drying process of the animal.
5. When the calf has attained normal body temperature and is showing signs of recovery and strength, return it to it's mother.

Cleaning

For easy clean-up, remove the heater and floor grate. Disinfect and hose down or rinse. The heater opening serves as the drain. While the heater is removed, carefully clean the enclosure and heater assembly with compressed air. After rinsing out the box, wipe it down with a rag or dry towel and reinstall the heater and the floor grate.

Precautions

- Never place the unit in standing water during operation
- Always place electrical cords away from animals
- When using an extension cord, be sure to use a grounded, heavy-duty cord (12 gauge for up to 50' cords, 10 gauge for over 50' cords)
- Check thermometer regularly to ensure proper temperature
- Always check the function of your Roy-L-Heat unit approximately one month in advance of its expected use. Units that performed properly last season may not perform properly following 10 months of inactivity and dust accumulation

Two Year Limited Warranty

The Roy-L-Heat Animal Warmer is warranted for two full years from the date of purchase. Defective parts returned within two years will be rebuilt or replaced at no charge to the customer. The buyer must secure permission from the factory to return the defective parts prior to their return.

Smucker Manufacturing Inc. does not guaranty the survival of animals. Maximum liability is in no case to exceed the value of the Smucker unit involved.

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*Diagram

IMPORTANT INSTRUCTIONS (Required by UL for all electric heaters.)

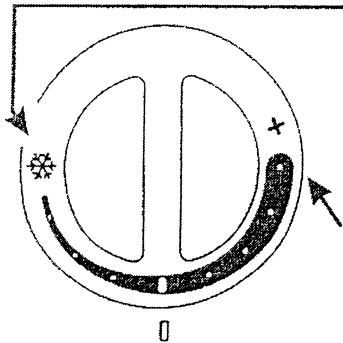
When using electrical appliances, basic precautions should always be followed to reduce risk of fire, electric shock and injury to persons including the following:

1. Read all instructions before using the heater.
2. Caution: High temperature. This heater is hot when is use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet from the front of the heater and away from the side and rear.
3. Extreme caution is necessary when any heater is used by or near children or disabled persons and whenever the heater is left operating and unattended.
4. Always unplug heater when not in use.
5. Do not operate any heater with a damaged cord or plug 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.
6. If used outdoors, be sure to plug into a GFCI protected outlet.
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.
8. Do not run cord under carpeting. Do not cover cord with throw rugs, runners or the like. Arrange cord away from traffic area and where it will not be tripped over.
9. To disconnect heater, turn controls to off, then remove plug from outlet.
10. Connect heater to an appropriate electrical outlet, which meets the electrical ratings as marked on the heater.
11. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock, fire, or damage to the heater.
12. 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 openings may become blocked.
13. A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint or flammable liquids are used or stored.
14. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
15. 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 14AWG minimum size and rated not less than 1500 watts.
16. **WARNING:** This heater has a polarized plug (one blade is wider than the other). As a safety feature, this plug will fit in a polarized outlet only one way. If the plug does not fully fit the outlet reverse the plug. If it still does not fit consult a qualified electrician. Never use with an extension cord if the plug cannot be fully inserted. Do not attempt to defeat this safety feature.

OPERATING INSTRUCTIONS

“ANTI-FREEZE” SETTING

This feature automatically turns on your heater when room temperature drops to 38°F (3°C) and will keep the heater running to maintain this temperature. ANTI-FREEZE protection only applies to confined areas; it will NOT HEAT your entire house. To engage “ANTI-FREEZE” select HI output heat setting 4 and turn thermostat to *.



THERMOSTAT

This control automatically cycles ON/OFF to regulate and maintain desired room temperature. Turn knob clockwise towards + to increase, and counterclockwise towards – to decrease the room temperature.

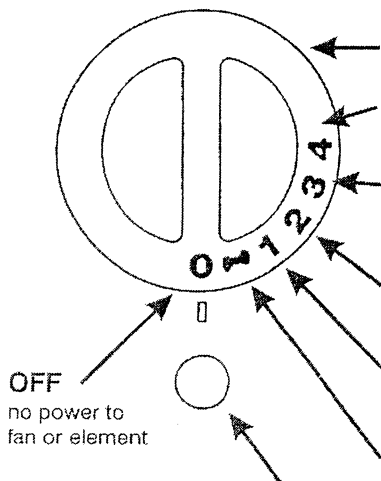
HEAT SELECTOR SWITCH

HI OUTPUT – (1500W, HI Fan) – Maximum heat, high air circulation to heat an area quickly.

“ENERGY SAVER” (900W, HI Fan) Moderate heat, high circulation, maintain room temp with thermostat.

“ENERGY SAVER” (900W, LO Fan) Silent operation, moderate heat output, maintain room temp with thermostat.

“SLEEP MODE” (600W, LO Fan) “Silent” operation, gentle heat for small areas.



FAN ONLY

PILOT LIGHT – Illuminated when power is on.

NOTE: If the pilot light is on but the heater isn't working, turn the thermostat in a clockwise direction.

SAFETY FEATURES

The Model 9200 has an enclosed “Overheat protector” which will not clog with dust or dirt. If the flow of air is blocked, the heater will automatically turn itself off when the internal temperature reaches 55° C.

CARING FOR YOUR HEATER

Your heater has been designed for many years of problem free operation. The motor is permanently lubricated and does not require oiling. However, since the Model 9200 moves a high volume of air, it does require periodic cleaning. Unplug the heater and using a vacuum, clean the air intakes on the top and bottom of the unit as well as the front grill.