Energedry Eliminator Pest

Pest Control Electric Heat System

“For Professional use only”

Operations Manual

EPA EST. No. 086342-AZ-001

K & J Representatives, LLC
602-723-2534 Fax 480-219-3657

Energedry Eliminator Pest

Safety Page

Read this owner's manual carefully before using your Eliminator

Caution: Eliminator Safety Information

Never use the Eliminator in conditions exceeding 140F degrees.

Never set the Thermostat control to higher than 140F degrees.

Never use an extension cord smaller than 12 gauge or longer than 100'.

Always check building circuits for proper grounding before plugging in your Eliminator.

Never drop or bounce the Eliminator. Internal damage may occur.

Never clean or service the Eliminator while plugged into a live electrical power source.

Never operate the Eliminator in standing water.

Always wear rubber gloves and boots when operating the Eliminator in damp conditions.

Never operate the Eliminator unless all panels and guards are in place and properly secured.

Always keep the air inlet & outlet clear of any obstructions and loose material.

Never operate the Eliminator without the fan on.

Never operate the Eliminator with loose cord connection or damaged power cord(s).

Never connect power from different buildings to the Eliminator.

Warning: Ignoring these safety precautions may result in personal injury.

K & J Representatives, LLC
602-723-2534

K & J Representatives, LLC 2 Year Limited Warranty

"For Professional use only"

Warrantor: K & J Representatives, LLC, 6550 E. 6th St., Ste C, Prescott Valley, AZ 86314. Telephone: 602-723-2534, Fax: 928-277-8123

Who is Covered: This warranty extends to the original end-user and may not be assigned or transferred.

Warranty Period: The term of the warranty coverage from the date of purchase is:

2 years on the housing
1 year on parts and labor

Warranty Coverage: K & J Representatives, LLC warrants that, for one (1) year, the Eliminator manufactured by K & J Representatives, LLC will operate free from defects in material or workmanship, or K & J Representatives, LLC, at its option, will repair or replace the defective part(s), free of charge.

K & J Representatives, LLC further warrants that for a period of two (2) years, the housing of the Eliminator manufactured by K & J Representatives, LLC will be free from defects in material or workmanship, K & J Representatives, LLC will repair or replace the defective part(s), providing that all labor and shipping costs for the defective part(s) shall be borne by the end-user.

This warranty **does not** cover any defect, malfunction, etc… resulting from improper operation, lack of maintenance, freezing, corrosion from chemicals, condensation, tampering, modification, unauthorized or improper repair, accident, acts of nature, shipping after you receive the Eliminator, or normal wear to items such as power cords, plug adaptors or other items which require replacement resulting from normal usage.

End-User Responsibilities: Warranty service must be performed by a firm or Individual authorized by K & J Representatives, LLC. The end-user must contact K & J Representatives, LLC at the above location. K & J Representatives, LLC will arrange for covered warranty service. All covered warranty service will be arranged during normal business hours.

Limitations and Exclusions: If any part of the Eliminator manufactured by K & J Representatives, LLC is repaired or replaced as covered warranty, the new part shall be warranted only for the remainder of the original warranty period of the Eliminator.

Upon expiration of the written warranty applicable to the K & J Representatives, LLC Eliminator or any part thereof, all other warranties implied by law, including merchantability and fitness for a particular purpose, shall also expire. All warranties made by K & J Representatives, LLC are set forth herein, and no claim may be made against K & J Representatives, LLC on any oral warranty. In no event shall K & J Representatives, LLC, in connection with the sale, operation, repair or replacement of any K & J Representatives, LLC device or part thereof be liable under any legal theory for any special, indirect or consequential damages including without limitation water damage, lost profits, delay, or loss of use or damage to any real or personal property.

Legal Rights: This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

Energedry Eliminator Pest

Operating Your Eliminator

Unpack & inspect your Eliminator for damage – Do not use if damaged. Check all heating elements to make sure everything works and nothing was damaged from shipping. If damaged from shipping do not use and contact us immediately at 602-723-2534.

Your Eliminator has one (1) cord for the fan. This is wrapped around the unit. There are four (4) 115volt plug-ins for the heat elements located at the front of the Eliminator. When looking at the control panel the plug-in on the left controls heating element #1. The next plug-in forward controls heating elements #2. The next plug-in on the right side of the Eliminator toward the front controls heating elements #3 and the next plug-in toward the back controls heating elements #4.

Each heater plug-in is 1500 watts or 12 amps at 120volt and can be safely connected to a 15 amp 120volt circuit. Use a 240 volt splitter box to use the dryer or range electrical supply.

You must have the cord that controls the fan plugged in or the unit will not operate. None of the heating elements will turn on if the fan is not on. If you block the inlet or the outlet of the unit the heating elements will shut-off or will not turn on. This safety feature insures that proper minimum airflow must be maintained so the heating elements do not overheat. The heating tube also has a temperature breaker that will keep the air in the heater tube from overheating.

Temperature Controller

Your Eliminator comes with a state of the art digital temperature controller built into the unit. The view panel is on the bottom of the Eliminator and will allow you to adjust the temperature controller. The controller is preset to 140F and requires no need for adjustment to use your Eliminator XL unless you want to change the temperature settings.

Within seconds of turning on the fan you will notice the ambient temperature will appear on the screen of the digital controller.

Press the set button once and you will be able to change the temperature from Fahrenheit to Celsius. F = Fahrenheit

Press the set button again and this is the screen to change the temperature to the high temperature limit you want for your drying area. You should never set the high temperature limit above 140F degrees. Once this temperature is achieved in the airspace your Eliminator will cycle the heating elements to maintain this temperature. The fan will not cycle and will run continuously.

Press the set button again and you will be able to set the differential temperature. This setting will turn the heating elements back on when the temperature has fallen by the number of degrees you set. If you set one degree as differential, then the elements will shut off when the temperature achieves the high limit set temperature and will turn back on when the temperature drops one degree below the high temperature set point.

Press the set button again and you can change the screen from H1 to C1 and back to H1. You must be on the H1 setting or your heating elements will not work.

Press the set button again and you will be back at the ambient temperature and this will also activate your settings.

Best Practices for Heating rooms

1. Heat rises. Always try to seal the room(s) from escaping heat. Especially HVAC vents, lights, bathroom exhaust fans, bottoms of doors, wall air-conditioners, etc… Cover windows pane with blankets or equivalent to minimize loss of energy from cold windows.

2. Remove items that you would not leave in your car on a hot sunny summer day. Candles, lighters, many foods, candies, etc…

3. Unplug all electrical items and do not place electrical items directly in front of the heater. Electrical items are rated for higher temperatures than you are heating, just avoid the direct heat coming out of the heater.

4. It is best to bag clothes, sheets, etc… and run in the clothes dryer for 20 minutes on high. Never leave clothes laying on the floor or other surfaces or they will act as an insulator and it will be difficult to heat under them sufficiently.

5. Open all drawers and separate all items so hot air can get everywhere easily.

6. Stand or block box spring and mattress' so hot air can contact all sides.

7. Place all fans blowing in the same direction along the walls in the area you are heating to circulate the hot air into every nook and cranny. If possible place at least one fan per wall. Turn on fans to ensure air movement is sufficient. Add more fans if it does not feel like a whirl wind (tornado type effect).

8. Place heater(s) so that the air is being immediately swept up by the fans and the hot air coming directly out of the heater is not directly hitting any furniture or building materials before being blown about by the fans.

9. Use no less than 1 heater for every 150sf in a normal room of ceiling height of 9' or less for maximum performance. You can never have too much equipment, only not enough.

10. Turn on heaters and make sure all heater light switches that have power are on. Heater switches will not turn on if you do not have power connected to the respective heater switch. This is ok if you are doing this on purpose because you don't have or don't need the full power of the heater.

11. Always check for fire sprinkler's installed in a building. Keep heat level at fire sprinkler head a minimum of 30F below the trigger temperature of the fire sprinkler.

12. Walls and ceilings made of block or concrete require more heat because they are more conductive of energy than drywall. This means 1 heater will heat less space when you have walls and/or ceilings with block or concrete. 50% more power is a general rule for these rooms. All buildings are not created equal and more conductive materials take more energy to heat.