Radial 8 Eliminator

“For Professional use only”

Operations Manual

EPA EST. No. 086342-AZ-001

Safety Page

Read this owner's manual carefully before using your Radial 8

Caution: Radial 8 Safety Information

Never use the Radial 8 in conditions exceeding 140F degrees.

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

Never use an extension cord smaller than 14 gauge or longer than 100'.

Always check building circuits for proper grounding before plugging in your Radial 8.

Never drop or bounce the Radial 8. Internal damage may occur.

Never clean or service the Radial 8 while plugged into a live electrical power source.

Never operate the Radial 8 in standing water.

Always wear rubber gloves and boots when operating the Radial 8 in damp conditions.

Never operate the Radial 8 unless all panels, guards and fan are attached, on and are properly secured.

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

Never operate the Radial 8 without the fan on.

Never operate the Radial 8 with loose cord connection or damaged power cord(s).

Never connect power from different buildings to the Radial 8.

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

1 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:

1years on the housing
1 year on parts and labor

Warranty Coverage: K & J Representatives, LLC warrants that, for one (1) year, the Radial 8 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 one (1) years, the housing of the Radial 8 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 Radial 8, 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 Radial 8 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 Radial 8.

Upon expiration of the written warranty applicable to the K & J Representatives, LLC Radial 8 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.

Operating Your Radial 8

Unpack & inspect your Radial 8 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 Radial 8 has eight (8) 120volt plug-ins for the heat elements located four (4) on each side of the Radial 8. Each heating element is 8 amps or 960 watts. Two (2) heating elements can be plugged into a 20 amp circuit. With (4) 20 amp circuits you can achieve full power of your Radial 8. 26,189 btus.

You can use a 240 volt splitter box to use the dryer or range electrical supply. You can also use our Hotel air conditioner splitter to power (4) of the heating elements. When using the Hotel air conditioner splitter do not plug one of the connections from the splitter into the inlet plug-in with the green light.

Turning on your Radial 8:

First – Attach fan to heater. Make sure the heating element with the green light is plugged in. This provides the power to the switch and thermostat controller. After plugging in all the heating elements, turn on the fan and then turn on the heater.

Temperature Controller

Your Radial 8 comes with a state of the art digital temperature controller built into the unit. The controller is preset to 132F and requires no need for adjustment to use your Radial Eliminator unless you want to change the temperature settings.

To change the high temperature setting push the set button on the thermostat and use the arrows to adjust temperature up or down. Push the set button when finished.

Best Practices for Heating rooms

1. Heat rises. Always try to seal the room(s) from escaping heat. Especially HVAC vents, 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 household 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.