

R.W.FLAME NFJ-205

R.W.FLAME Outdoor Electric Patio Heater (Model NFJ-205) Instruction Manual

Comprehensive guide for setup, operation, and maintenance of your R.W.FLAME Patio Heater.

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your R.W.FLAME Outdoor Electric Patio Heater, Model NFJ-205. Please read this manual thoroughly before assembly, operation, or maintenance. Keep this manual for future reference.

Product Features:

- **High Heat Efficiency:** Rapid and instant heating with a golden tube and high-rated aluminum reflector. Heats up to 500 square feet indoors.
- **Adjustable Height:** Standing pole height can be adjusted from 42.91 inches to 78.74 inches.
- **Line Switch Control:** Easy operation with a line switch and adjustable heating head.
- **Safety Features:** ETL Certified, IP65 rated for water and dust resistance. Includes mechanical rocker switch and explosion-proof net.
- **Energy Saving:** Infrared heating provides thermal efficiency, saving 30%-40% energy compared to ordinary heating methods. No gas or flammable fuel required.
- **Tip-Over & Overheat Protection:** Equipped with an intelligent tip-over switch that automatically cuts power if the heater tips over, and overheat protection for enhanced safety.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following:

- Read all instructions before using this heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Always use caution when children or invalids are present.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- Do not use outdoors if not specifically designed for outdoor use. This heater is IP65 rated for weather and dust

resistance, making it suitable for outdoor use.

- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- 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 heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner.
- 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.
- 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.
- This heater includes a tip-over safety switch that automatically shuts off the unit if it is accidentally tipped over.
- This heater includes an overheat protection feature that automatically shuts off the unit if it overheats.

3. ASSEMBLY INSTRUCTIONS

The R.W.FLAME Patio Heater requires partial assembly. Please follow these steps carefully. An electric drill or Phillips-head screwdriver may be used for tightening bolts.

Phase One: Install the Base

1. Release the six bolts from the base plate.
2. Align the thread holes on the base with the thread holes on the base tube.
3. Use the six bolts to fasten the base and base tube together securely.
4. Place the decorative base cover over the base tube.



Image: Detailed view of the heater's adjustable height and key components for assembly.

Phase Two: Install the Tubes

5. Turn the first middle tube clockwise to fix it onto the base tube.
6. Turn the second middle tube clockwise to fix it onto the first middle tube. (Note: The first and second middle tubes can be interchanged).



Image: The R.W.FLAME patio heater fully assembled, demonstrating its adjustable height feature.

Phase Three: Install the Heating Element

7. Insert the heating element into the top tube.
8. Align the thread holes on the heating element with the thread holes on the top tube.
9. Use the two provided bolts to fix the heating element securely to the top tube.

Assembly Video:

Your browser does not support the video tag.

4. OPERATING INSTRUCTIONS

1. **Placement:** Position the heater on a stable, level surface. Ensure it is at a safe distance from flammable materials (at least 3 feet from walls, furniture, curtains, etc.).
2. **Power Connection:** Plug the heater into a standard AC120V, 60Hz electrical outlet. Ensure the outlet is properly grounded.
3. **Power On:** Locate the line switch control (often a pull-cord or rocker switch) on the unit. Turn the switch to the "ON" position. The heating element will begin to glow and produce heat within approximately 3 seconds.
4. **Adjust Heating Angle:** The heating head can be adjusted by up to 45 degrees. Gently tilt the heating element to direct heat to your desired area.
5. **Power Off:** To turn off the heater, switch the line control to the "OFF" position. Unplug the unit from the power outlet when not in use or before cleaning/maintenance.



Image: The heater head can be adjusted to a 45-degree angle to direct heat.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Always unplug the heater and allow it to cool completely before cleaning. Use a soft, damp cloth to wipe down the exterior surfaces. Do not use abrasive cleaners or solvents.
- **Heating Element:** Do not attempt to clean the heating element directly. Dust can be gently removed with a soft brush or compressed air when the unit is unplugged and cool.
- **Storage:** When not in use, especially during off-season, store the heater in a cool, dry place. Cover it to protect from dust and moisture.
- **Cord Inspection:** Periodically inspect the power cord and plug for any signs of damage. If damaged, do not use the heater and contact customer support.

6. TROUBLESHOOTING

If your heater is not functioning correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit, power switch is off, or tip-over/overheat protection activated.	Ensure the power cord is securely plugged into a working outlet. Check if the line switch is in the "ON" position. If the heater was tipped or overheated, unplug it, wait 10 minutes, and plug it back in.
Heater turns off unexpectedly.	Tip-over protection or overheat protection activated.	Ensure the heater is on a stable, level surface. Check for obstructions around the heating element. Unplug, wait 10 minutes, and restart.
Insufficient heat output.	Heater is too far from the desired area, or ambient temperature is too low for the coverage area.	Move the heater closer to the area needing heat. Ensure the heating angle is directed correctly. Note that infrared heaters heat objects directly, not the air.

If the problem persists after attempting these solutions, please contact R.W.FLAME customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	R.W.FLAME
Model Number	NFJ-205
Power Source	Corded Electric
Heating Method	Radiant
Heat Output	1500 Watts
Voltage	120 Volts (AC)
Amperage	12.5 Amps
Heating Coverage	Up to 500 square feet

Feature	Detail
Indoor/Outdoor Usage	Indoor / Outdoor (IP65 Rated)
Special Features	Noiseless, Overheat Protection, Tip-Over Protection, Adjustable Height, 3s Rapid Heating
Color	Grey
Item Dimensions (D x W x H)	21.26"D x 21.26"W x 78.74"H (Max Height)
GTIN	619793710364

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official R.W.FLAME website. Please have your model number (NFJ-205) and purchase date available when contacting support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question