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Raypak 266K BTU ELC NAT

Raypak 266K BTU ELC NAT Heater User Manual

Model: 266K BTU ELC NAT

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Raypak 266K BTU ELC NAT Heater. Please read this manual thoroughly before attempting to install or operate the unit. Proper installation and maintenance are crucial for the longevity and performance of your heater. The Raypak 266K BTU ELC NAT Heater is designed to provide reliable and efficient heating for your pool or spa, extending your swimming season and enhancing your enjoyment. Its robust construction and energy-smart design ensure consistent performance.

SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Always ensure the heater is installed by a qualified professional in accordance with all local codes and regulations.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Keep the area around the heater clear and free from combustible materials, debris, and obstructions.
- Ensure adequate ventilation for the heater's operation.
- Turn off all power to the heater before performing any service or maintenance.
- Never operate the heater if any part is submerged in water.

SETUP AND INSTALLATION

The Raypak 266K BTU ELC NAT Heater is designed for outdoor installations and features a low-profile design. Professional installation is highly recommended.



Image: Raypak 266K BTU ELC NAT Heater. This image shows the full view of the Raypak pool and spa heater, featuring its dark gray and black casing, control panel area at the top, and water inlet/outlet connections on the side. The Raypak logo is visible on the front panel.

Site Selection

- Choose a level, non-combustible surface.
- Ensure proper clearances from walls, fences, and other structures as specified in the installation guide.
- Locate the heater where it is easily accessible for service and maintenance.
- Avoid areas prone to excessive wind or poor drainage.

Plumbing Connections

1. Connect the pool/spa water lines to the heater's inlet and outlet ports. Ensure proper flow direction.
2. Use appropriate unions or fittings to allow for easy disconnection for service.

3. Ensure all connections are watertight to prevent leaks.

Gas and Electrical Connections

1. Connect the gas supply line to the heater's gas inlet. All gas connections must be leak-tested.
2. Connect the electrical supply according to the wiring diagram provided with the unit and local electrical codes.
3. Ensure proper grounding and circuit protection.

OPERATING INSTRUCTIONS

Your Raypak heater is designed for user-friendly operation. Follow these steps to turn on and adjust your heater.

Initial Start-Up

1. Ensure the pool/spa pump is running and water is flowing through the heater.
2. Open the gas supply valve to the heater.
3. Turn on the electrical power to the heater.
4. Set the desired water temperature using the digital control panel. The heater will automatically ignite and begin heating.

Temperature Adjustment

Use the up and down arrows on the digital display to set your desired water temperature. The heater will maintain this temperature automatically.

Shutting Down the Heater

1. Turn off the heater using the control panel.
2. Close the gas supply valve.
3. Turn off the electrical power to the heater.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Raypak heater. Always disconnect power and gas before performing maintenance.

Routine Checks

- **Annually:** Have a qualified service technician inspect the heater, including the heat exchanger, burner, and ignition system.
- **Monthly:** Inspect the area around the heater for any obstructions, debris, or signs of leaks.
- **As Needed:** Clean the exterior of the heater with a damp cloth. Do not use abrasive cleaners.

Winterization

If you live in an area where temperatures drop below freezing, proper winterization is essential to prevent damage.

1. Turn off the heater and disconnect gas and electrical supplies.
2. Drain all water from the heater's heat exchanger and plumbing lines.
3. Use a shop vacuum or air compressor to blow out any remaining water.

4. Store the heater under a protective cover if possible, or ensure it is adequately protected from the elements.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For problems not listed here, contact a qualified service technician.

Problem	Possible Cause	Solution
Heater not igniting	No gas supply, no power, low water flow, faulty ignition.	Check gas valve, ensure power is on, verify pump operation, contact service.
Low heat output	Incorrect temperature setting, dirty heat exchanger, low gas pressure.	Adjust setting, schedule professional cleaning, check gas supply.
Error code on display	Specific system fault.	Refer to the specific error code in the full service manual or contact support.

SPECIFICATIONS

Key technical specifications for the Raypak 266K BTU ELC NAT Heater.

Model: 266K BTU ELC NAT

BTU Input: 266,000 BTU/hr

Fuel Type: Natural Gas (NAT)

Ignition: Electronic Ignition

Cabinet: Polyester-coated, non-corrosive

Design: Low-profile, natural draft for outdoor installations

Efficiency: Energy-smart design for high efficiency ratings

WARRANTY AND SUPPORT

Raypak products are built to last, and your heater comes with a manufacturer's warranty covering defects in materials and workmanship. Please refer to the warranty card included with your product for specific terms and conditions.

For technical support, service, or warranty claims, please contact Raypak customer service or an authorized service center. Ensure you have your model number and serial number ready when contacting support.

Raypak Customer Service: [1-800-123-4567](tel:1-800-123-4567) (Example Number)

Online Support: Visit the official Raypak website for FAQs and additional resources. www.raypak.com (Example Link)