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Raypak 009493F

Raypak 009493F Rocker Switch Instruction Manual

Model: 009493F

1. PRODUCT OVERVIEW

The Raypak 009493F Rocker Switch is a single-pole, single-throw (SPST) replacement component designed for specific Raypak pool heater models, including R185B and R405B series. This switch facilitates the manual control (ON/OFF) of the connected electrical circuit within the heater system. It features a plug-in connector type and is designed for surface mounting.



Figure 1: Raypak 009493F Rocker Switch. This image shows the black rocker switch with two metal terminals for electrical connection.

This kit includes one black plastic rocker switch, designed for durability and reliable operation in its intended environment. Its compact dimensions (approximately 1 x 1 x 1 inches) ensure compatibility with existing heater enclosures.

2. SAFETY INFORMATION

- **Electrical Hazard:** Always disconnect power to the appliance before attempting any installation, maintenance, or repair. Failure to do so can result in serious injury or death.
- **Qualified Personnel:** Installation and servicing of electrical components should only be performed by qualified and experienced personnel.

- **Proper Tools:** Use appropriate tools for installation to prevent damage to the switch or surrounding components.
- **Environmental Conditions:** Ensure the installation environment is dry and free from excessive moisture during the installation process. The switch has an IP54 rating, indicating protection against dust and splashing water, but it is not submersible.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package.

- 1 x Raypak 009493F Rocker Switch

4. INSTALLATION INSTRUCTIONS

1. **Power Disconnection:** Locate the main power supply to your Raypak pool heater and turn it OFF at the circuit breaker or disconnect switch. Confirm that power is completely off using a voltage tester.
2. **Access Old Switch:** Carefully open the control panel or access cover of your Raypak pool heater to expose the existing rocker switch.
3. **Remove Old Switch:** Gently pry out the old rocker switch from its mounting slot. Note the orientation and wiring connections before removal. It is recommended to take a photograph for reference.
4. **Disconnect Wiring:** Disconnect the electrical wires from the terminals of the old switch. Ensure wires are properly labeled if necessary to avoid incorrect re-connection.
5. **Install New Switch:** Connect the electrical wires to the corresponding terminals on the new Raypak 009493F Rocker Switch. Ensure connections are secure.
6. **Mount New Switch:** Insert the new switch into the mounting slot until it clicks securely into place. Ensure the switch is oriented correctly for proper operation (e.g., ON/OFF labels are readable).
7. **Close Access:** Replace the control panel or access cover, ensuring all fasteners are tightened.
8. **Restore Power:** Turn the main power supply back ON at the circuit breaker or disconnect switch.

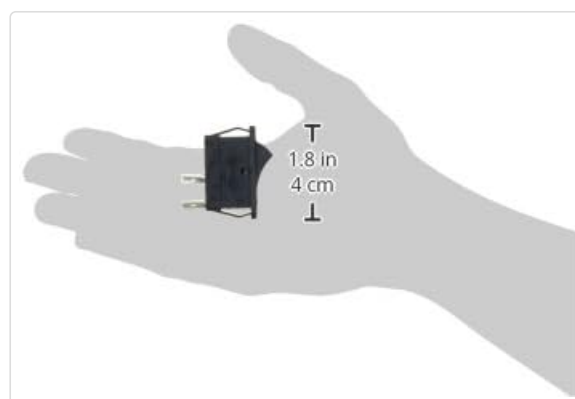


Figure 2: Approximate dimensions of the Raypak 009493F Rocker Switch. The image shows the switch held in a hand, indicating a length of approximately 1.8 inches (4 cm).

Note: The installation process is generally straightforward, often described as "plug and play" by users. However, due to the electrical nature of the component, professional installation is always recommended if you are unsure about any step.

5. OPERATING INSTRUCTIONS

The Raypak 009493F Rocker Switch provides simple manual control for your Raypak pool heater's electrical circuit.

- **To Turn ON:** Press the side of the rocker switch labeled "ON" (or the side that illuminates if applicable) to activate the circuit.
- **To Turn OFF:** Press the side of the rocker switch labeled "OFF" to deactivate the circuit.

The switch acts as a direct power interrupt for the controlled function within the heater. Refer to your specific Raypak pool heater's main instruction manual for details on how this switch integrates with the overall heater operation.

6. MAINTENANCE

The Raypak 009493F Rocker Switch requires minimal maintenance. Regular inspection can help ensure its longevity and proper function.

- **Cleaning:** Periodically wipe the surface of the switch with a clean, dry cloth to remove dust and debris. Avoid using abrasive cleaners or solvents.
- **Inspection:** Visually inspect the switch for any signs of physical damage, discoloration, or loose connections. If any issues are observed, disconnect power and consult a qualified technician.
- **Environmental Protection:** While rated IP54, prolonged exposure to direct harsh weather conditions or excessive humidity may affect its lifespan. Ensure the heater's enclosure provides adequate protection.

7. TROUBLESHOOTING

If the Raypak 009493F Rocker Switch is not functioning as expected, consider the following common issues:

- **Switch Does Not Respond:**
 - Ensure the main power supply to the heater is ON.
 - Check for loose wiring connections at the switch terminals. *(Always disconnect power before checking connections.)*
 - Inspect the switch for visible damage.
- **Switch Feels Stiff or Sticky:**
 - This can occur due to environmental factors like humidity or debris. Cleaning the switch surface may help.
 - If the issue persists, the internal mechanism may be worn, and the switch may require replacement.

If troubleshooting steps do not resolve the issue, or if you suspect a more complex electrical problem, contact a qualified service technician for assistance. Do not attempt repairs beyond your technical capability.

8. SPECIFICATIONS

Brand	Raypak
Model	009493F

Switch Type	Rocker
Circuit Type	2-way (SPST)
Operation Mode	Manual
Contact Type	Normally Open
Connector Type	Plug In
Terminal	Physical
Material	Plastic (Body), Metal (Contact)
Color	Black
Item Dimensions (L x W x H)	1 x 1 x 1 inches (approximate)
Mounting Type	Surface Mount
Number of Positions	2
Upper Temperature Rating	110 Degrees Fahrenheit
International Protection Rating	IP54
Item Weight	0.02 Pounds

9. WARRANTY AND SUPPORT

Warranty: This product is sold with "No Warranty" as specified by the manufacturer.

Customer Support: For technical assistance or inquiries regarding Raypak products, please refer to the official Raypak website or contact their customer service directly. You can also visit the [Raypak Store on Amazon](#) for more information.