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› Pentair 6020018 No 2-226 O-ring Adaptor for SuperFlo Pool and Spa Heat Pumps User Manual

Pentair 6020018

Pentair 6020018 No 2-226 O-ring Adaptor for SuperFlo Pool and Spa Heat Pumps User Manual

Model: 6020018 | Brand: Pentair

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1. INTRODUCTION

This manual provides instructions for the proper installation, function, and maintenance of the Pentair 6020018 No 2-226 Buna-N O-ring Adaptor. This component is designed as a replacement part for Pentair SuperFlo pool and spa inground heat pumps. Please read this manual thoroughly before proceeding with installation or maintenance.



Image 1.1: The Pentair 6020018 No 2-226 Buna-N O-ring Adaptor. This image shows the black O-ring adaptor, a circular component made of Buna-N material, designed for sealing connections in pool and spa heat pumps.

2. SAFETY INFORMATION

Always observe the following safety precautions when working with pool and spa equipment:

- **Disconnect Power:** Always turn off and disconnect power to the pool or spa heat pump before attempting any installation, removal, or maintenance.
- **Depressurize System:** Ensure the pool or spa system is depressurized and drained as necessary before opening any plumbing connections.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as safety glasses and gloves, to prevent injury.
- **Professional Assistance:** If you are unsure about any step, consult a qualified pool technician.
- **Original Parts:** Use only genuine Pentair replacement parts to ensure proper fit and performance.

3. INSTALLATION INSTRUCTIONS

This section outlines the general procedure for replacing the O-ring adaptor. Specific steps may vary slightly depending on your exact SuperFlo heat pump model. Refer to your heat pump's primary manual for detailed disassembly and reassembly instructions.

3.1. Required Tools

- Screwdriver (if required for pump housing access)
- Pliers or wrench (if required for plumbing connections)
- O-ring lubricant (silicone-based, safe for Buna-N)

3.2. Replacement Procedure

1. Prepare the System:

- Turn off all power to the SuperFlo heat pump at the circuit breaker.
- Close any necessary valves to isolate the heat pump and prevent water flow.
- Drain any water from the heat pump or relevant plumbing sections where the O-ring adaptor is located.

2. Access the O-ring Adaptor:

- Carefully disassemble the pump housing or plumbing connections as required to access the existing O-ring adaptor. Note the orientation and position of all components.

3. Remove Old Adaptor:

- Remove the old No 2-226 O-ring adaptor. Inspect the area for any debris or damage. Clean the mating surfaces thoroughly.

4. Install New Adaptor:

- Apply a thin, even coat of O-ring lubricant to the new Pentair 6020018 No 2-226 Buna-N O-ring Adaptor. This helps with proper seating and prevents pinching.
- Carefully place the new O-ring adaptor into its designated groove or position. Ensure it is seated correctly and not twisted or pinched.

5. Reassemble and Test:

- Reassemble the pump housing or plumbing connections, ensuring all fasteners are tightened securely according to the heat pump's manual. Do not overtighten.
- Open the isolation valves and allow the system to refill with water.
- Inspect for any leaks around the newly installed O-ring adaptor.
- Restore power to the heat pump and run the system, checking again for leaks.

4. FUNCTION AND PURPOSE

The Pentair 6020018 No 2-226 Buna-N O-ring Adaptor serves as a critical sealing component within the Pentair SuperFlo pool and spa inground heat pump. Its primary purpose is to create a watertight seal between two mating surfaces, preventing water leakage and maintaining system pressure. The Buna-N material provides excellent resistance to water, oils, and various pool chemicals, ensuring durability and reliable performance in its intended application.

5. MAINTENANCE

Regular inspection of O-rings and seals is crucial for the longevity and efficient operation of your pool and spa equipment. While the 6020018 O-ring adaptor is designed for durability, it is subject to wear over time due to chemical exposure, temperature fluctuations, and mechanical stress.

- **Periodic Inspection:** During routine pump maintenance or when disassembling the heat pump, visually inspect the O-ring adaptor for signs of wear, cracking, flattening, or stretching.
- **Lubrication:** If the O-ring appears dry but is otherwise in good condition, apply a thin layer of silicone-based O-ring lubricant to help maintain its flexibility and sealing properties.
- **Replacement:** Replace the O-ring adaptor immediately if any signs of damage or degradation are observed,

or if persistent leaks occur after reassembly.

6. TROUBLESHOOTING

If you experience issues after installing the Pentair 6020018 O-ring Adaptor, consider the following:

| Problem | Possible Cause | Solution |
|---------------------------|---|---|
| Water Leakage | <ul style="list-style-type: none">• O-ring not seated correctly.• O-ring pinched or twisted during installation.• Mating surfaces are dirty or damaged.• Connections not tightened sufficiently. | <ul style="list-style-type: none">• Turn off power and drain system.• Disassemble and re-inspect the O-ring adaptor for proper seating.• Clean mating surfaces thoroughly.• Reapply O-ring lubricant and reassemble, ensuring correct torque on fasteners.• If damage is present, replace the O-ring adaptor. |
| Difficulty Seating O-ring | <ul style="list-style-type: none">• Lack of lubrication.• Incorrect O-ring size (unlikely if genuine part). | <ul style="list-style-type: none">• Apply a generous amount of silicone-based O-ring lubricant.• Ensure you have the correct part number (6020018). |

7. SPECIFICATIONS

Key specifications for the Pentair 6020018 No 2-226 Buna-N O-ring Adaptor:

- **Part Number:** 6020018
- **O-ring Size:** No 2-226
- **Material:** Buna-N (Nitrile Rubber)
- **Color:** Black
- **Nominal Outside Diameter:** 2.26 Inches
- **Compatibility:** Pentair SuperFlo Pool and Spa Inground Heat Pumps
- **Manufacturer:** Pentair - Distribution
- **UPC:** 788379787554

8. WARRANTY & SUPPORT

8.1. Warranty Information

Pentair products are manufactured to high-quality standards. For specific warranty details regarding the Pentair 6020018 No 2-226 Buna-N O-ring Adaptor, please refer to the official Pentair website or contact Pentair customer service. Warranty terms typically cover defects in materials and workmanship under normal use and service.

8.2. Customer Support

If you have questions about the installation, maintenance, or troubleshooting of this product, or require further assistance, please contact Pentair Customer Support:

- **Website:** Visit the official Pentair website for support resources, FAQs, and contact information.
- **Phone:** Refer to the Pentair website for regional customer service phone numbers.

