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› Pentair 178561 Almond Lid Assembly Replacement Pool and Spa Filter User Manual

## Pentair 178561

# Pentair 178561 Almond Lid Assembly Replacement Pool and Spa Filter User Manual

Model: 178561

## 1. PRODUCT OVERVIEW

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The Pentair 178561 Almond Lid Assembly is a genuine OEM replacement part designed for various Pentair pool and spa filter systems. This lid assembly is crucial for the proper functioning and sealing of your filter, ensuring efficient water filtration and preventing contaminants from entering your pool or spa. It includes essential components such as the pressure gauge and air relief valve, which are vital for monitoring system performance and safe operation.



This image shows the Pentair 178561 Almond Lid Assembly, a replacement part for pool and spa filters. It is a light-colored, dome-shaped component with a black band around its base, featuring a pressure gauge and air relief valve on top. The image highlights the overall design and key features of the lid assembly.

### Key Features:

- Genuine OEM Pentair Replacement Part
- Complete lid assembly for easy replacement
- Includes pressure gauge and air relief valve

- Designed for durability and reliable performance

## 2. SETUP AND INSTALLATION

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Proper installation of the Pentair 178561 Almond Lid Assembly is essential for the safe and efficient operation of your pool or spa filter. Always ensure the pump is turned off and depressurized before beginning any installation or maintenance procedures.

### Replacing the Lid Assembly:

1. **Turn off the pump:** Ensure the pool or spa pump is completely powered off and disconnected from its power source to prevent accidental startup.
2. **Depressurize the system:** Open the air relief valve on the existing lid assembly to release any trapped air and pressure from the filter tank. Wait until all pressure is relieved.
3. **Remove the old lid:** Locate the clips or locking mechanism securing the lid to the filter body. Disengage these clips (often by pushing them in and twisting) to loosen and remove the old lid assembly.
4. **Inspect the filter body:** Clean the sealing surface of the filter body and inspect the O-ring for any damage or wear. Replace the O-ring if necessary to ensure a watertight seal.
5. **Install the new lid:** Carefully place the new Pentair 178561 Almond Lid Assembly onto the filter body, aligning it correctly.
6. **Secure the lid:** Engage the clips or locking mechanism to firmly secure the new lid assembly in place. Ensure it is tightly sealed to prevent leaks.
7. **Close the air relief valve:** Once the lid is secured, close the air relief valve.
8. **Restart the pump:** Restore power to the pump and turn it on. Monitor the pressure gauge and check for any leaks around the lid assembly.



This image illustrates the dimensions of the Pentair 178561 Almond Lid Assembly, showing it to be approximately 13 inches (33 cm) in height. The product is depicted next to a human silhouette for scale, emphasizing its compact size.

## 3. OPERATING INSTRUCTIONS

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Once the lid assembly is installed, operating your filter system involves routine monitoring to ensure optimal performance and water quality.

### Monitoring Pressure:

The pressure gauge on your Pentair 178561 Almond Lid Assembly is a critical tool for determining when your filter needs cleaning or maintenance. Note the clean operating pressure shortly after starting your filter with a clean filter element. As the filter collects debris, the pressure inside the tank will increase. When the pressure gauge reads 8-10 PSI (pounds per square inch) above the clean operating pressure, it indicates that the filter element is dirty and requires cleaning or replacement.

## 4. MAINTENANCE

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Regular maintenance of your Pentair 178561 Almond Lid Assembly and filter system will extend its lifespan and ensure consistent water clarity.

### Regular Inspection:

- Periodically inspect the lid assembly for any signs of cracks, discoloration, or physical damage.
- Check the pressure gauge for proper functionality. A non-responsive or stuck gauge should be replaced promptly, as it is crucial for determining filter cleanliness.
- Ensure the air relief valve operates smoothly and is not clogged.
- Inspect the O-ring seal between the lid and the filter body for wear or damage. Lubricate the O-ring with a silicone-based lubricant annually or as needed to maintain a good seal.

### Cleaning:

When cleaning your filter element, it is also a good practice to wipe down the lid assembly. Use a soft cloth and mild soap if necessary, avoiding harsh chemicals that could damage the plastic components or seals.

## 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your Pentair 178561 Almond Lid Assembly.

### Common Issues:

- **Leaks around the lid:**

*Possible Cause:* Improperly seated lid, damaged O-ring, or loose clamp.

*Solution:* Turn off the pump, depressurize, remove and re-seat the lid, inspect and lubricate/replace the O-ring, and ensure the clamp is securely fastened.

- **Pressure gauge not working:**

*Possible Cause:* Gauge is old, clogged, or damaged.

*Solution:* The pressure gauge is a wear item and often needs replacement. If it's not providing accurate readings or is stuck, replace the entire lid assembly or just the gauge if it's a separate component.

- **Air in the system:**

*Possible Cause:* Air relief valve not fully closed, loose connections, or low water level.

*Solution:* Ensure the air relief valve is closed. Check all plumbing connections for tightness. Verify the water level in the pool/spa is adequate.

## 6. SPECIFICATIONS

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Attribute	Value
Brand	Pentair
Model Number	178561
Item Weight	5 Pounds
Product Benefits	Prevents Contaminants
UPC	788379671488
Included Components	Pentair 178561 Almond Lid Assembly Replacement

## 7. WARRANTY AND SUPPORT

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Pentair products are manufactured to high standards and are typically covered by a manufacturer's warranty against defects in materials and workmanship. For specific warranty details, including duration and coverage, please refer to the warranty information provided with your original filter system or visit the official Pentair website.

For technical support, replacement parts, or warranty claims, please contact Pentair Customer Service directly. Have your product model number (178561) and purchase information ready when contacting support.

**Pentair Official Website:** [www.pentair.com](http://www.pentair.com)