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## Pentair 070387Z

# Pentair 070387 Strainer Basket Instruction Manual

Model: 070387Z

## INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your Pentair 070387 Strainer Basket. This product is a genuine OEM replacement part designed for specific Pentair pool pumps, ensuring proper fit and function. Please read these instructions carefully before use to ensure safe and efficient operation.

## PRODUCT OVERVIEW

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The Pentair 070387 Strainer Basket is a durable plastic component designed to capture debris before it enters your pool pump, protecting the pump's impeller and other internal components from damage. Regular inspection and cleaning of the strainer basket are crucial for maintaining optimal pool system performance.



*Figure 1: Front view of the Pentair 070387 Strainer Basket. This image shows the overall shape and perforated design of the basket.*

## SETUP AND INSTALLATION

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Before installing the new strainer basket, ensure your pool pump is turned off and disconnected from power to prevent accidental startup. Refer to your specific pool pump's manual for detailed instructions on accessing the strainer pot.

1. **Turn off Power:** Locate the circuit breaker for your pool pump and switch it to the "OFF" position. Confirm the pump is not receiving power.
2. **Relieve Pressure:** If applicable, open the air relief valve on your filter to release any trapped air and pressure in the system.
3. **Remove Pump Lid:** Carefully unlatch or unscrew the lid of the pump's strainer pot. Be aware that some water may spill out.
4. **Remove Old Basket:** Lift out the old or damaged strainer basket from the pump pot. Dispose of it properly.
5. **Inspect and Clean:** Inspect the pump pot for any remaining debris. Clean the inside of the pump pot and the lid's O-ring groove. Ensure the O-ring is clean and properly seated. Replace the O-ring if it is cracked or worn.
6. **Install New Basket:** Place the new Pentair 070387 Strainer Basket into the pump pot, ensuring it sits correctly at the bottom.

7. **Secure Pump Lid:** Replace the pump lid, ensuring the O-ring is properly seated and the lid is securely fastened. Hand-tighten only; do not overtighten.
8. **Restore Power:** Turn the circuit breaker back to the "ON" position.
9. **Prime Pump:** Follow your pump's instructions for priming the system to ensure proper water flow.



*Figure 2: Side view of the strainer basket, highlighting the integrated handle for easy removal and installation.*

## OPERATION

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The strainer basket operates passively by collecting debris from the pool water before it reaches the pump's internal components. No active user operation is required beyond regular maintenance.

## MAINTENANCE

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Regular cleaning of the strainer basket is essential for efficient pump operation and to prevent damage. The frequency of cleaning depends on the amount of debris in your pool.

### Cleaning Procedure:

1. **Turn off Power:** Always turn off the pool pump at the circuit breaker before performing any maintenance.
2. **Remove Pump Lid:** Unlatch or unscrew the pump strainer pot lid.
3. **Remove Basket:** Lift the strainer basket out of the pump pot.
4. **Empty Debris:** Invert the basket to empty collected leaves, hair, and other debris. You may rinse it with a garden hose to remove smaller particles. Avoid banging the basket against hard surfaces, as this can cause damage.
5. **Inspect Basket:** Check the basket for any cracks, tears, or signs of wear. Replace the basket if damage is observed to prevent debris from reaching the pump impeller.
6. **Reinstall:** Place the clean basket back into the pump pot, ensuring it is seated correctly.
7. **Secure Lid:** Replace and secure the pump lid, ensuring the O-ring is clean and properly sealed.
8. **Restore Power:** Turn the circuit breaker back on and prime the pump if necessary.

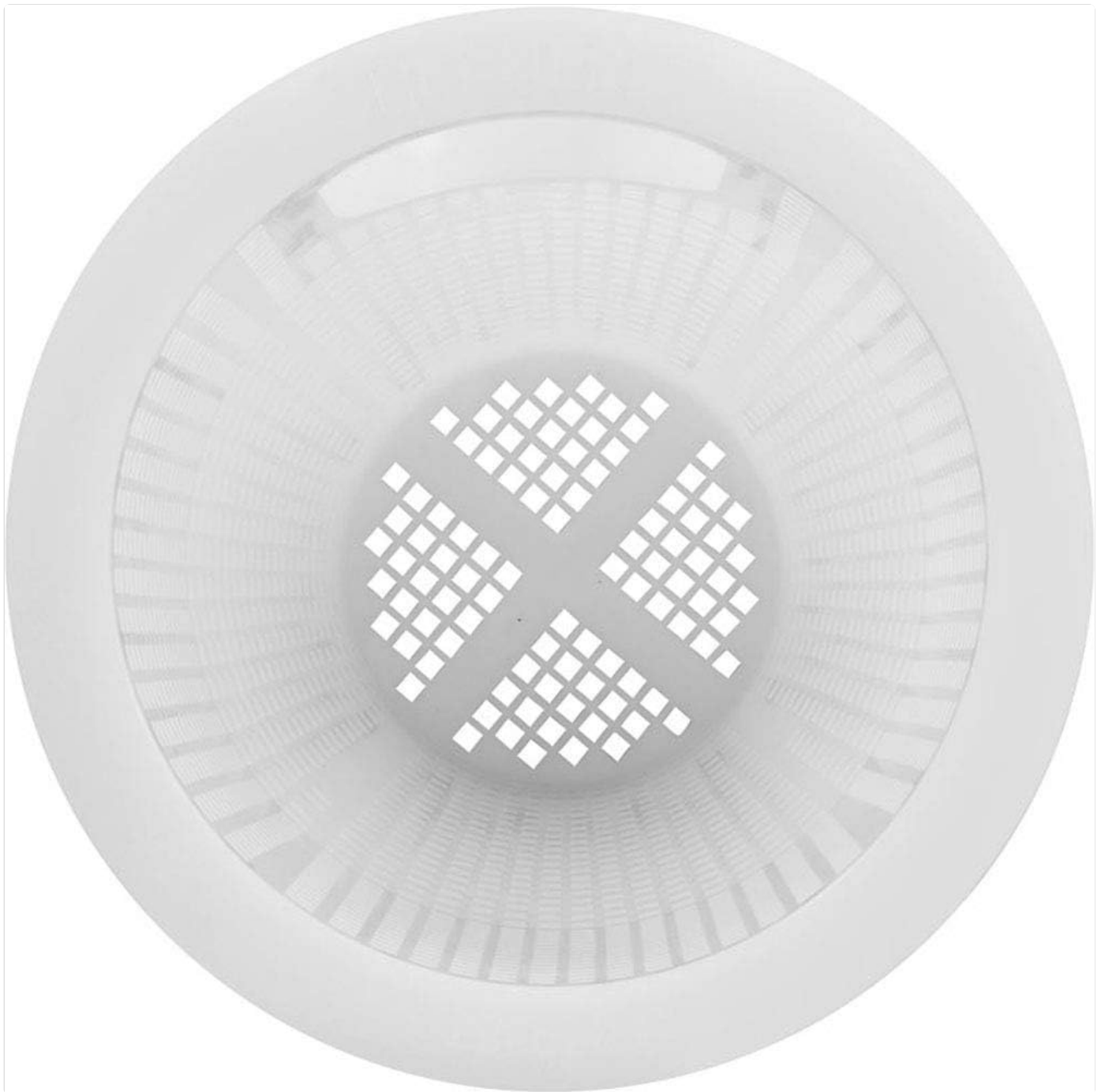


Figure 3: Top-down view of the strainer basket, showing the opening and the grid pattern for water flow.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Reduced water flow from pump	Strainer basket is full of debris	Clean the strainer basket as per maintenance instructions.
Debris reaching pump impeller	Strainer basket is cracked or damaged	Inspect the basket for damage and replace if necessary. Ensure the basket is seated correctly.
Air bubbles in pump or return lines	Pump lid not sealed properly, or O-ring is damaged	Ensure pump lid is securely fastened. Inspect and clean the O-ring; replace if damaged.

## SPECIFICATIONS

- **Model Number:** 070387Z
- **Material:** Plastic
- **Product Dimensions:** 7.75 x 5.75 x 5.75 inches (Length x Width x Height)
- **Item Weight:** 4.2 ounces
- **Manufacturer:** Pentair Pool Products
- **Compatibility:** Designed as a genuine OEM replacement for specific Pentair pool pumps (refer to your pump's manual for compatibility).

## WARRANTY INFORMATION

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For specific warranty details regarding the Pentair 070387 Strainer Basket, please refer to the warranty documentation provided with your original Pentair pool pump or visit the official Pentair website. As a genuine OEM part, it typically falls under the warranty terms of the associated Pentair equipment.

## CUSTOMER SUPPORT

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If you have questions or require assistance with your Pentair 070387 Strainer Basket, please contact Pentair Customer Support through their official website or the contact information provided with your original product documentation. When contacting support, please have your product model number (070387Z) and any relevant pool pump model information available. For more information, visit the [Pentair Store](#).