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Pentair SWN

Pentair SWN Nylon Well Replacement for Pool and Solar Inline Thermometer Instruction Manual

Model: SWN | Brand: Pentair

Product Overview

This well is specifically designed as a replacement component for Pentair pool and solar inline thermometers. Constructed from durable nylon, it ensures compatibility and reliable performance within your existing Pentair thermometer system.



Image: The Pentair SWN Nylon Well Replacement. This image shows the black nylon well, featuring a threaded base for secure installation and a long, slender probe section designed to house the thermometer sensor.

Setup and Installation

This section provides instructions for replacing an existing well. Ensure the pool or solar system is powered off and depressurized before beginning.

1. **Safety First:** Turn off all power to the pool or solar heating system and close any relevant valves to prevent water flow. Allow the system to cool down if it has been in operation.
2. **Locate Existing Well:** Identify the current thermometer well in your inline system. It will typically be threaded into a pipe fitting.
3. **Remove Old Well:** Carefully unscrew the old well from its fitting. Be prepared for a small amount of water to drain. If the well is stuck, use appropriate tools, taking care not to damage the surrounding plumbing.
4. **Inspect Fitting:** Clean any debris or old sealant from the pipe fitting threads. Ensure the threads are in good condition.
5. **Apply Sealant (Optional but Recommended):** Apply a suitable thread sealant (e.g., PTFE tape or pipe dope) to the

threads of the new Pentair SWN nylon well. This helps ensure a watertight seal.

6. **Install New Well:** Carefully thread the new Pentair SWN nylon well into the pipe fitting. Hand-tighten first, then use a wrench to tighten it securely, but do not overtighten, as this can damage the nylon threads or the fitting.
7. **Insert Thermometer:** Once the well is securely installed, insert your Pentair inline thermometer into the new well.
8. **Restore System:** Open any closed valves and restore power to the system. Check for any leaks around the newly installed well.

Operating Instructions

The Pentair SWN Nylon Well is a passive component designed to house a thermometer sensor. Its operation is directly tied to the thermometer it contains.

- Ensure the thermometer is properly seated within the well for accurate temperature readings.
- The well protects the thermometer sensor from direct contact with the water flow, allowing for easy removal and maintenance of the thermometer without draining the system.
- Monitor the thermometer's display for temperature readings as per the thermometer's own operating instructions.

Maintenance

Regular maintenance ensures the longevity and proper function of the well and the thermometer.

- **Cleaning:** The manufacturer recommends to "Wipe Clean". Periodically, with the system off and depressurized, remove the thermometer and inspect the inside of the well for any debris or mineral buildup. Clean with a soft cloth and mild detergent if necessary, then rinse thoroughly.
- **Inspection:** Regularly inspect the nylon well for any signs of cracks, wear, or damage, especially around the threads. Replace the well if any damage is observed to prevent leaks or inaccurate readings.
- **Thread Sealant:** If you notice any leaks around the well, you may need to reapply thread sealant and re-tighten the well.

Troubleshooting

Problem	Possible Cause	Solution
Water Leakage around the Well	• Insufficient thread sealant • Loose connection • Damaged threads on well or fitting	• Turn off system, remove well, reapply thread sealant (PTFE tape), and re-install securely. • Tighten the well carefully. • Inspect threads; replace well or fitting if damaged.
Inaccurate Temperature Readings	• Thermometer not fully inserted • Debris inside the well • Faulty thermometer (not the well)	• Ensure thermometer is fully seated. • Clean the inside of the well as per maintenance instructions. • Test the thermometer separately or replace it if necessary.

Specifications

- **Model Name:** SWN

- **Brand:** Pentair
- **Outer Material:** Nylon
- **Product Dimensions:** 1 x 1 x 1 inches
- **Item Weight:** 0.16 ounces
- **Indoor/Outdoor Usage:** Outdoor
- **Reusability:** Reusable
- **Upper Temperature Rating:** 120 Degrees Fahrenheit
- **UPC:** 807318013520

Warranty and Support

For specific warranty information regarding the Pentair SWN Nylon Well Replacement, please refer to the documentation provided with your original Pentair thermometer or contact Pentair customer support directly.
Pentair Customer Support:

- Visit the official Pentair website for contact information and support resources:www.pentair.com
- Refer to the contact details provided in your original product packaging.

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