Swimline 8420

SWIMLINE HYDROTOOLS Deluxe Two-Way Pool Test Kit User Manual

Model: 8420 | Brand: Swimline

Introduction

The SWIMLINE HYDROTOOLS Deluxe Two-Way Pool Test Kit (Model 8420) is designed for easy and accurate monitoring of your pool or spa water chemistry. This kit allows you to test for pH and Chlorine/Bromine levels, essential for maintaining healthy and balanced water. Regular testing helps ensure a safe and enjoyable swimming environment.



The kit includes a blue plastic case, two clear test vials with color comparison charts for pH and Chlorine/Bromine, and two reagent bottles (Phenol Red and OTO).

Setup

Before first use, ensure all components are present and undamaged. The kit includes a blue carrying case, two test vials, Phenol Red reagent (red bottle), and OTO reagent (yellow bottle), along with an instruction sheet. Always ensure your hands are clean and free of foreign matter before handling the reagents or test vials.
Familiarize yourself with the instruction sheet provided within the kit, which details specific drop counts and ideal ranges for your pool type.

Operating Instructions

Follow these steps for accurate water testing:

1. **Collect Water Sample:** Submerge the test vials into the pool water to the desired fill line, typically indicated on the vial. Ensure no air bubbles are trapped.

2. **Add Reagents:**
   - For pH testing (left vial, red cap): Add 5 drops of Phenol Red solution.
   - For Chlorine/Bromine testing (right vial, yellow cap): Add 5 drops of OTO solution.

   Note: Refer to the instruction sheet for exact drop counts if different.
3. **Mix Sample:** Cap the vials securely and gently invert them several times to mix the water and reagents. Do not shake vigorously.
4. **Compare Colors:** Hold the test kit against a white background or clear sky and compare the color of the water in each vial to the corresponding color chart on the side of the vial.
   - **pH Levels:** The pH chart ranges from acidic (yellow) to basic (purple), with an ideal range typically between 7.2 and 7.8.
   - **Chlorine/Bromine Levels:** The Chlorine/Bromine chart indicates levels from low (yellow) to high (darker yellow/orange), with ideal levels varying based on pool type and usage.
5. **Adjust Chemicals:** Based on your readings, adjust your pool chemicals accordingly to bring the levels into the recommended ranges. Re-test after adjustments to confirm balance.

Maintenance

To ensure the longevity and accuracy of your test kit:

- **Clean Vials:** Thoroughly rinse the test vials with clean, fresh water immediately after each use. Allow them to air dry completely before storing.
- **Store Properly:** Store the kit in its original case in a cool, dry place, away from direct sunlight and extreme temperatures. Keep out of reach of children. The compact size of the kit allows for easy storage.
- **Replace Solutions:** Reagent solutions should be replaced annually, or sooner if they appear discolored or if test results become inconsistent, as their potency can diminish over time.

Troubleshooting

If you encounter issues with your test kit, consider the following:

- **Inaccurate Readings:** Ensure vials are clean, reagents are not expired, and the correct number of drops are used. Re-test the water sample. Contaminants or old reagents can affect accuracy.
- **Sticking Lids:** If vial caps are difficult to open, gently twist and pull. Avoid excessive force to prevent damage to the vials or caps.
- **No Color Change:** Verify that reagents were added correctly and are not expired. Ensure the water sample is clear and free of debris that might interfere with the chemical reaction.

Specifications

Product Dimensions	6 x 1 x 4 inches
Item Weight	5.6 ounces
Manufacturer	Swimline
ASIN	B0032JSPP8

Item Model Number	8420
pH Range	7.2 to 7.8
Recommended Uses	Swimming Pool
Unit Count	1.0 Count

Warranty and Support

For specific warranty information regarding your SWIMLINE HYDROTOOLS Deluxe Two-Way Pool Test Kit, please refer to the documentation provided at the time of purchase. Warranty terms may vary depending on the retailer and region. For product support, technical assistance, or inquiries about chemical balancing, it is recommended to consult your local pool supply retailer or a certified pool technician. You may also visit the official Swimline website for general product information.

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