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Pentair R181206

Pentair R181206 Safety Float Line Instruction Manual

Model: R181206

1. Introduction

The Pentair R181206 Safety Float Line is designed to provide a visible demarcation in swimming pools, enhancing safety by clearly indicating shallow or deep areas, or separating sections of the pool. This product includes a durable poly rope with multiple floats, a chrome brass rope hook, a fid, and a locking device for secure installation.
This manual provides instructions for the proper setup, operation, and maintenance of your Pentair Safety Float Line to ensure its longevity and effective use.

2. Components

The Pentair R181206 Safety Float Line package typically includes the following components:

- **Poly Rope:** Approximately 20 feet in length, 3/8-inch diameter.
- **Floats:** Nine (9) floats, each measuring approximately 3-inch by 5-inch, typically in blue and white.
- **Chrome Brass Rope Hook:** One (1) solid chrome brass hook for attachment.
- **Fid:** One (1) fid, a tool used for splicing rope.
- **Locking Device:** One (1) device for securing the rope.



Figure 1: Pentair R181206 Safety Float Line showing the rope, floats, and hook.

3. Setup and Installation

Follow these steps to properly install your safety float line:

1. **Identify Anchor Points:** Determine two secure anchor points on opposite sides of your pool where the safety line will be stretched. These points should be strong enough to hold the tension of the rope.
2. **Attach First End:** Use the provided chrome brass rope hook to securely attach one end of the poly rope to one of your chosen anchor points. Ensure the connection is tight and will not easily detach.
3. **Stretch the Line:** Extend the float line across the pool to the second anchor point. Ensure the floats are evenly spaced and the rope is not tangled.
4. **Adjust Length (if necessary):** If the rope is too long for your pool, you may need to cut it to the appropriate length. If cutting, use the fid to create a secure loop or splice for attachment to the second anchor point. *Note: A second hook may need to be acquired separately if not included and a direct attachment point is unavailable.*
5. **Secure Second End:** Attach the second end of the rope to the second anchor point. Use the locking device to ensure the rope remains taut and secure. The line should be stretched firmly but not excessively tight to avoid damage to the rope or anchor points.
6. **Final Check:** Verify that the float line is securely installed, taut, and that all floats are properly positioned. The line should be clearly visible and provide an effective barrier or demarcation.

4. Operation

The Pentair Safety Float Line operates passively as a visual indicator. Once installed, it serves to:

- **Demarcate Pool Sections:** Clearly mark the transition between shallow and deep ends, or designate specific areas within the pool.
- **Enhance Safety:** Provide a physical and visual barrier to guide swimmers, especially children or inexperienced swimmers, away from deeper sections or restricted areas.
- **Visibility:** The brightly colored floats ensure high visibility in the water.

Regularly inspect the line for proper tension and secure attachment to ensure it remains effective.

5. Maintenance

Proper maintenance will extend the life of your safety float line:

- **Regular Inspection:** Periodically check the rope for signs of wear, fraying, or degradation, especially if exposed to harsh sunlight or pool chemicals. Inspect the floats for cracks or damage.
- **Cleanliness:** Clean the floats and rope as needed with mild soap and water to remove dirt, algae, or chemical residue. Rinse thoroughly.
- **Storage:** During off-season or extended periods of non-use, remove the float line from the pool. Clean it thoroughly, allow it to dry completely, and store it in a cool, dry place away from direct sunlight and extreme temperatures. This helps prevent premature material degradation.
- **Hardware Check:** Ensure the chrome brass hook and locking device are free from corrosion and function correctly.

6. Troubleshooting

Problem	Possible Cause	Solution
Rope appears shorter than expected.	Product variation or mismeasurement.	Verify the required length for your pool. If significantly shorter than advertised (20 feet), contact Pentair customer support.
Missing splicing tool (fid).	Packaging error or not included in all kits.	If a fid is essential for your installation and was not included, contact Pentair customer support for assistance.
Rope degrading or breaking prematurely.	Prolonged exposure to UV light, harsh chemicals, or improper storage.	Ensure proper storage during off-season. Inspect regularly and replace if significant wear is observed. Consider removing the line when not in use to minimize exposure.
Only one rope hook included.	Standard packaging includes one hook.	The design typically uses one hook and a direct attachment/knot for the other end. If a second hook is required for your setup, it may need to be purchased separately.

7. Specifications

Model Number: R181206

Product Dimensions: 13 x 12.25 x 4 inches (packaging)

Item Weight: 1 pound

Rope Length: Approximately 20 feet

Rope Diameter: 3/8-inch

Float Count: 9 floats

Float Dimensions: 3-inch by 5-inch

Material: Poly rope, plastic floats, chrome brass hook

Manufacturer: Pentair

8. Warranty and Support

Specific warranty information for the Pentair R181206 Safety Float Line is not provided in this manual. For details regarding warranty coverage, claims, or technical support, please contact Pentair directly through their official website or customer service channels.
You can typically find contact information on the Pentair Brand Store on Amazon or by visiting the main Pentair website.

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Example: How do I reset this device or fix this error?

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