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Polaris FEPIC8640

Polaris EPIC 8640 Robotic Pool Cleaner User Manual

Model: FEPIC8640

1. INTRODUCTION

Thank you for choosing the Polaris EPIC 8640 Robotic Pool Cleaner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new pool cleaner. The Polaris EPIC 8640 is designed for enhanced maneuverability and superior cleaning performance, ensuring a pristine pool with minimal effort.

2. SAFETY INFORMATION

- Always disconnect the cleaner from the power supply before performing any maintenance or cleaning.
- Do not operate the cleaner if the power cable is damaged. Contact qualified service personnel for repairs.
- Ensure the pool cleaner is fully submerged in water before starting operation.
- Keep children and pets away from the pool area while the cleaner is in operation.
- Do not use the cleaner to remove large debris such as leaves, twigs, or large stones, as this may damage the unit. Manually remove such debris before operating the cleaner.
- Store the cleaner in a cool, dry place when not in use.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Polaris EPIC 8640 Robotic Pool Cleaner Unit
- Control Box/Power Supply
- 60 ft. Floating Cable with Tangle-Reducing Swivel
- Large Transparent Filter Canister
- User Manual (this document)

4. PRODUCT FEATURES



Figure 4.1: The Polaris EPIC 8640 Robotic Pool Cleaner. This image shows the cleaner from a slightly elevated front-right angle, highlighting its blue and silver body, black tracks, and the white Double Helix brushes at the front. Water bubbles are depicted rising behind the unit, suggesting its operation in a pool.

- **Enhanced Maneuverability:** Boasts a tighter turn radius and powerful propulsion for agile navigation across pool floors, walls, and obstacles, ensuring thorough cleaning coverage.
- **Superior Debris Collection:** Innovative Double Helix brushes at the front and rear of the cleaner channel dirt towards the inlet while vigorously scrubbing pool surfaces, delivering impeccable cleaning results.
- **Strong Suction Power:** Cyclonic vacuum technology maintains strong suction throughout the cleaning cycle, efficiently capturing debris in its large debris canister.
- **Effortless Pool Cleaning:** Features a proprietary Easy Lift Removal System and a Tangle-Reducing Swivel, making pool cleaning virtually effortless.
- **Durable Design:** Built with rugged construction and reliability, designed to last and clean effectively where others may not.

5. SETUP

1. **Unpack the Cleaner:** Carefully remove the Polaris EPIC 8640 and its components from the packaging.
2. **Connect Power Supply:** Place the control box/power supply at least 3.5 meters (11.5 feet) from the edge of the pool.

Connect the floating cable from the cleaner to the control box, ensuring a secure connection.

3. **Submerge the Cleaner:** Gently lower the cleaner into the pool. Tilt the cleaner from side to side to release any trapped air bubbles. Ensure the cleaner is fully submerged and resting on the pool floor before proceeding.
4. **Untangle Cable:** Allow the floating cable to extend fully into the pool. The Tangle-Reducing Swivel helps prevent tangles, but ensure the cable is not coiled or knotted before starting.
5. **Plug into Outlet:** Plug the control box into a grounded electrical outlet.

6. OPERATING INSTRUCTIONS

1. **Start Cleaning Cycle:** Press the ON/OFF button on the control box to begin a cleaning cycle. The cleaner will automatically begin traversing the pool floor, walls, and waterline.
2. **Cleaning Patterns:** The EPIC 8640 employs intelligent navigation to cover the entire pool surface. It will clean the floor, climb walls, and scrub the waterline.
3. **Cycle Completion:** The cleaner will automatically shut off once the cleaning cycle is complete. Refer to the control box indicators for cycle status.
4. **Easy Lift Removal System:** To remove the cleaner from the pool, activate the Easy Lift Removal System (if applicable, refer to control box instructions for specific activation). This feature assists in bringing the cleaner to the surface for easy retrieval.
5. **Retrieve Cleaner:** Once the cleaner is at the surface, grasp the handle and carefully lift it out of the water. Allow excess water to drain from the unit.

7. MAINTENANCE

7.1 Cleaning the Filter Canister

The Polaris EPIC 8640 features a large transparent filter canister for efficient debris collection. Regular cleaning of the filter canister is crucial for maintaining optimal suction power and cleaning performance.

1. **Disconnect Power:** Always unplug the control box from the electrical outlet before cleaning.
2. **Remove Canister:** Locate the filter canister access on the top of the cleaner. Open the latch and remove the canister.
3. **Empty Debris:** Empty all collected debris from the canister.
4. **Rinse Canister and Filter:** Rinse the canister and the internal filter element thoroughly with a garden hose until all debris and fine particles are removed.
5. **Reinstall:** Ensure the filter and canister are clean before reinserting them into the cleaner. Close the latch securely.

7.2 Cleaning the Brushes

Inspect the Double Helix brushes regularly for any trapped debris, hair, or string. Remove any obstructions to ensure effective scrubbing action.

7.3 General Care and Storage

- After each use, rinse the cleaner with fresh water to remove chlorine and pool chemicals.
- Inspect the power cable and swivel for any signs of wear or damage.
- Store the cleaner in a shaded, dry area, away from direct sunlight and extreme temperatures.
- Do not leave the cleaner in the pool for extended periods when not in use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cleaner not moving or poor movement.	Power supply not connected or faulty. Filter canister is full or clogged. Debris trapped in brushes or impeller. Cable tangled.	Ensure power supply is securely connected and outlet is functional. Clean the filter canister thoroughly. Inspect and remove any debris from brushes and impeller. Untangle the cable and ensure the swivel is functioning.
Inadequate waterline cleaning.	Pool water chemistry imbalance (e.g., high calcium). Algae buildup on waterline. Worn brushes.	Check and balance pool water chemistry. Manually brush the waterline before operating the cleaner. Inspect brushes for wear; replace if necessary.
Cleaner misses debris or ineffective cleaning pattern.	Filter canister is full. Large debris present in pool. Cleaner operating in an area too shallow (e.g., sundeck).	Clean the filter canister. Manually remove large debris before operating. Ensure cleaner is used in appropriate pool depths. Avoid areas where it might flip over.
Cleaner flips over or gets stuck.	Operating in shallow areas or on steep inclines. Obstruction in the pool (e.g., steps, lights).	Ensure pool depth is suitable for cleaner operation. Remove or adjust obstacles if possible. Monitor cleaner's behavior around pool features.

9. SPECIFICATIONS

Brand	Polaris
Model Number	FEPIC8640
Manufacturer	Fluidra
Product Dimensions (L x W x H)	30.48 x 40.64 x 43.18 cm
Cable Length	60 ft (approx. 18.3 m)
Filter Type	Large Transparent Canister
Brush Type	Double Helix Brushes
ASIN	B0D1CSFZWF
Date First Available	April 10, 2024

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Polaris EPIC 8640 Robotic Pool Cleaner, please contact Polaris customer support. Keep your proof of purchase for warranty claims.

Visit the official Polaris website or refer to the contact information provided with your product packaging for the most up-to-date support details.

[Visit the Polaris Store on Amazon.ca](#)

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