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› Zodiac WR000636 Freedom 4220 iQ Cordless Robotic Pool Cleaner User Manual

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Model: WR000636

1. INTRODUCTION

Thank you for choosing the Zodiac WR000636 Freedom 4220 iQ Cordless Robotic Pool Cleaner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new pool cleaner. Zodiac is a global leader in pool cleaning solutions, with over 120 years of innovation and 700 active patents, ensuring high-quality and reliable products.

The Freedom 4220 iQ is designed to provide a revolutionary, wireless cleaning experience for your pool, ensuring effective cleaning of the floor, walls, and waterline.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before operating the appliance. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Always disconnect the cleaner from the power supply before performing any maintenance or cleaning.
- Do not operate the cleaner if the power cord or charger is damaged.
- Ensure the charging unit is placed in a dry, well-ventilated area, away from direct sunlight and water.
- Keep children and pets away from the pool area when the cleaner is in operation or charging.
- Use only the charger and accessories supplied by Zodiac.
- Do not use the cleaner in pools with water temperatures outside the recommended range (typically 10°C - 35°C).
- Never attempt to open the cleaner's sealed battery compartment.

3. PRODUCT OVERVIEW

The Zodiac Freedom 4220 iQ is a sophisticated cordless robotic pool cleaner designed for optimal performance and ease of use.



Figure 3.1: Front view of the Zodiac Freedom 4220 iQ robotic pool cleaner, showcasing its sleek design and transparent top cover.



Figure 3.2: The Zodiac Freedom 4220 iQ cleaner alongside its essential accessories: the yellow retrieval hook, the external charging unit, and the removable filter basket.

Key Features:

- **Cordless Design:** Offers complete freedom of movement without tangled cables.
- **High-Performance Lithium-Ion Battery:** Ensures powerful and consistent cleaning.
- **Cyclonic Suction:** Patented technology for powerful and long-lasting debris collection.
- **100 μ Fine Filtration:** Captures even the smallest particles for crystal clear water.

- **Tap&Lift Function:** Patented feature for easy retrieval from the pool.
- **Integrated Mobility:** Equipped with 2 traction motors and integrated sensors for excellent pool coverage.
- **2-Hour Cleaning Cycle:** Efficiently cleans pools up to 10 x 5 meters.

4. SETUP

Before first use, ensure the cleaner is fully charged and all components are correctly assembled.

4.1 Charging the Cleaner

1. Remove the cleaner from its packaging and place it on a flat, dry surface.
2. Connect the external charging unit to a suitable power outlet.
3. Connect the charging cable to the charging port on the cleaner. Ensure a secure connection.
4. The LED indicator on the charger will show the charging status. A full charge typically takes less than 5 hours.
5. Once fully charged, disconnect the charger from the cleaner and the power outlet.



Figure 4.1: The Zodiac Freedom 4220 iQ connected to its exclusive external charger, indicating a charge time of less than 5 hours and featuring an audio and LED indicator.

4.2 Preparing the Pool

- Ensure the pool water chemistry is balanced.
- Remove any large debris from the pool surface that could obstruct the cleaner.

5. OPERATING INSTRUCTIONS

Follow these steps to operate your Zodiac Freedom 4220 iQ pool cleaner.

5.1 Starting a Cleaning Cycle

1. Ensure the cleaner is fully charged.
2. Gently submerge the cleaner into the pool water. Tilt it slightly to allow air bubbles to escape.
3. Once fully submerged, the cleaner will automatically begin its cleaning cycle. The standard cleaning cycle is 2 hours.
4. The cleaner will navigate the pool floor, walls, and waterline using its integrated traction motors and sensors.

EFICIENCIA IMPECABLE

RENDIMIENTO
DURADERO
gracias a la aspiración
ciclónica patentada

FILTRATION
100 μ

CEPILLADO ACTIVO
Fondo / Paredes / Línea de agua

**TAMAÑO DE LA PISCINA
DE HASTA 10 X 5 m**

Figure 5.1: The Zodiac Freedom 4220 iQ operating in a pool, demonstrating its impeccable efficiency through cyclonic suction, 100 μ filtration, and active brushing of the floor, walls, and waterline.



Figure 5.2: The Zodiac Freedom 4220 iQ cleaning a pool, highlighting its 2-hour cleaning cycle, durable and powerful battery, and robust design for long-lasting performance.

5.2 Retrieving the Cleaner (Tap&Lift Function)

The patented Tap&Lift function makes retrieving the cleaner simple and effortless.

1. Once the cleaning cycle is complete, or when you wish to retrieve the cleaner, use the provided retrieval hook.
2. Gently tap the top cover of the cleaner with the hook.
3. The cleaner will automatically ascend to the waterline.
4. Once at the waterline, use the hook to guide it to the edge of the pool and lift it out using the handle.
5. Allow excess water to drain before placing it on a dry surface.

FÁCIL Y LIGERO AL SALIR DEL AGUA

TAP & LIFT™



Figure 5.3: Demonstrating the easy and lightweight retrieval of the Zodiac Freedom 4220 iQ from the water using the Tap&Lift function, showing the cleaner being lifted by its handle.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your cleaner.

6.1 Cleaning the Filter Basket

It is recommended to clean the filter basket after each cleaning cycle.

1. After retrieving the cleaner from the pool, open the top lid to access the filter basket.
2. Remove the filter basket by lifting it out.
3. Empty any collected debris into a waste bin.
4. Rinse the filter basket thoroughly with a garden hose to remove fine particles.
5. Ensure the filter is completely clean before reinserting it.

6. Place the clean filter basket back into the cleaner and close the lid securely.

6.2 General Care

- Periodically inspect the cleaner's tracks and brushes for any trapped debris or wear. Clean as necessary.
- Store the cleaner in a cool, dry place, away from direct sunlight and extreme temperatures, when not in use.
- Do not use harsh chemicals or abrasive materials to clean the cleaner's exterior. Use a soft cloth and mild soap if needed.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Zodiac Freedom 4220 iQ cleaner.

Problem	Possible Cause	Solution
Cleaner does not start.	Low battery; Cleaner not fully submerged; Obstruction.	Charge the cleaner fully; Ensure cleaner is completely underwater and air bubbles have escaped; Check for and remove any obstructions.
Poor cleaning performance.	Full or dirty filter basket; Worn brushes/tracks; Pool water chemistry imbalance.	Clean the filter basket; Inspect and replace worn brushes/tracks if necessary; Test and balance pool water chemistry.
Cleaner gets stuck.	Large debris in pool; Pool shape/obstacles; Low battery.	Remove large debris from the pool; Reposition the cleaner; Charge the cleaner.
Cleaner does not ascend with Tap&Lift.	Incorrect tapping; Low battery.	Ensure a firm, direct tap on the lid with the hook; Charge the cleaner.

If the problem persists after attempting these solutions, please contact Zodiac customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	WR000636
Product Dimensions	29 x 36 x 29 cm (11.4 x 14.2 x 11.4 inches)
Product Weight	7.4 kg (16.3 lbs)
Recommended Pool Size	Up to 10 x 5 meters (33 x 16 feet)
Cleaning Cycle Duration	2 hours
Filtration Level	100 µ (microns)
Battery Type	High-performance Lithium-Ion
Charge Time	Less than 5 hours

Feature	Detail
Cleaning Areas	Floor, Walls, Waterline

9. WARRANTY AND SUPPORT

Zodiac products are manufactured to the highest quality standards and are backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Zodiac website.

For technical support, spare parts, or service inquiries, please contact your authorized Zodiac dealer or visit the Zodiac brand store online. You can find authorized specialized stores and online stores of the Zodiac brand for convenient purchase of spare parts.

Zodiac Official Website: www.zodiac-poolcare.com

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