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› Zyerch SAT20 PRO Robotic Pool Cleaner Instruction Manual

Zyerch SAT20 PRO

Zyerch SAT20 PRO Robotic Pool Cleaner Instruction Manual

Model: SAT20 PRO | Brand: Zyerch

1. INTRODUCTION

Welcome to the Zyerch SAT20 PRO Robotic Pool Cleaner manual. This document provides essential information for the safe and efficient operation and maintenance of your new pool cleaner. Please read this manual thoroughly before initial use and keep it for future reference.

2. IMPORTANT SAFETY INFORMATION

- Read all instructions carefully before operating the appliance.
- Do not operate the cleaner when people or animals are in the pool.
- Ensure the power supply is disconnected before performing any maintenance or cleaning.
- Use only the charger provided by the manufacturer.
- Keep the cleaner out of reach of children.
- Do not use the cleaner if the water temperature is outside the recommended range (e.g., too cold or too hot).

3. PACKAGE CONTENTS

The following items are included with your Zyerch SAT20 PRO Robotic Pool Cleaner:

- 1x Robotic Pool Cleaner Device
- 1x Hook (for retrieval)
- 1x User Manual (this document)
- 1x Charger
- 1x Filter Basket



This image displays all components included in the package: the main robotic cleaner unit, a hook for easy retrieval, the user manual, the charging adapter, and the removable filter basket.

4. SETUP

Initial Setup and Charging

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Initial Charge:** Before first use, fully charge the robotic pool cleaner. Connect the charger to the charging port on the device and plug it into a standard 110V AC outlet. The battery supports up to 180 minutes of continuous cleaning and recharges in approximately 3-4 hours.

*Cleans Deep. Climbs High.
Complete cleaning coverage*



The robotic cleaner is shown connected to its power adapter for charging. A visual indicator highlights the approximate 4-hour charging duration required for a full battery.

3. **Filter Installation:** Ensure the 3L top-load filter basket is correctly installed inside the cleaner.

3L Top Load Filter Basket



This image demonstrates the easy installation of the 3-liter top-load filter basket into the robotic pool cleaner. The basket is designed to collect debris during operation.

5. **Placement in Pool:** Gently lower the cleaner into the pool. Ensure it sinks to the bottom before starting operation.

Quick Water Release Ability



The robotic cleaner is being retrieved from the pool using a hook, illustrating its quick water release capability for easier handling and removal.

5. OPERATING INSTRUCTIONS

The Zyerch SAT20 PRO offers versatile cleaning modes for optimal pool maintenance.

1. **Power On:** Press and hold the power button for 3 seconds until you hear a prompt sound.
2. **Select Cleaning Mode:** Use the mode selection button to choose from the following options:
 - **Wall Only:** For cleaning pool walls and waterline.
 - **Floor Only:** For cleaning the pool floor.
 - **Wall & Floor:** For comprehensive cleaning of both walls and floor.



This diagram illustrates the robotic cleaner's intelligent navigation patterns: an "S" pattern for efficient floor-only cleaning and an "N" pattern for thorough wall-only cleaning, including the waterline.

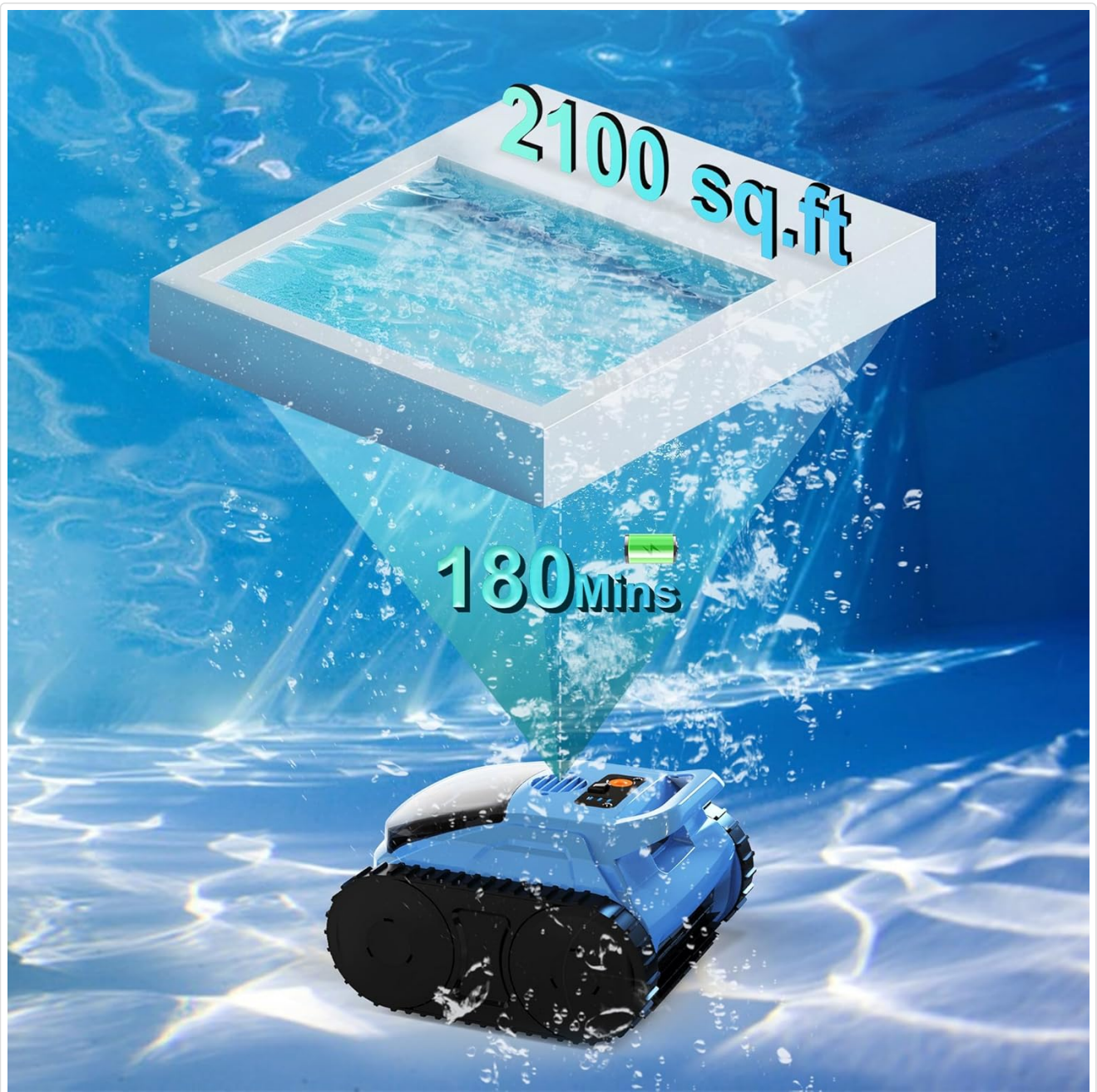
3. **Start Cleaning:** Once the desired mode is selected, the cleaner will begin its cycle.
4. **Automatic Shut-off:** The cleaner will automatically shut off after completing its cleaning cycle or when the battery is low.
5. **Retrieval:** Use the provided hook to safely retrieve the cleaner from the pool.



The robotic cleaner is shown actively moving across the bottom of a swimming pool, demonstrating its autonomous cleaning function.

Advanced Navigation & Traction

The cleaner utilizes a smart gyroscope-based navigation system, following an N-path along walls and an S-path on the pool floor for optimized route planning. Its four-wheel-drive (4WD) and PVC traction brushes adapt to various pool surfaces including tile, vinyl, pebble, glass, and mosaic. It can climb slopes up to 30°.



This image shows the robotic cleaner effectively climbing a sloped section of a pool, highlighting its advanced 4WD traction system and ability to navigate inclines.

High-Performance Cleaning

Equipped with a 180W brushless motor, the cleaner provides 4800 GPH strong suction power, effectively removing debris such as sand, leaves, twigs, and pet hair.

Unparalleled Cleaning Performance

Powerful cleaning ability and superior mobility.



Sand



Twigs



Leaves



Pet hair



This image illustrates the robotic cleaner's powerful suction, showing it effectively gathering various types of debris including sand, twigs, leaves, and pet hair from the pool bottom.

6. MAINTENANCE

Cleaning and Storage

1. **Emptying the Filter Basket:** After each cleaning cycle, open the top cover and remove the filter basket. Dispose of collected debris.
2. **Cleaning the Filter:** Rinse the filter basket thoroughly with a hose to remove fine particles. Ensure it is clean before re-inserting.



Packing List

- 1 Device
- 2 Hook
- 3 User Manual
- 4 Charger
- 5 Filters

This image shows a user easily cleaning the removable filter basket of the robotic pool cleaner with a garden hose, emphasizing the simple maintenance process.

- 3. **Storage:** Store the cleaner in a cool, dry place away from direct sunlight when not in use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cleaner not moving	Low battery	Recharge the cleaner fully.
Poor suction	Clogged filter basket	Clean the filter basket thoroughly.
Cleaner gets stuck	Large debris or uneven surface	Remove large debris. The 4WD system is designed for most surfaces, but extreme unevenness may cause issues.
Cleaner not climbing walls	Low battery or incorrect mode	Ensure battery is fully charged and "Wall Only" or "Wall & Floor" mode is selected.

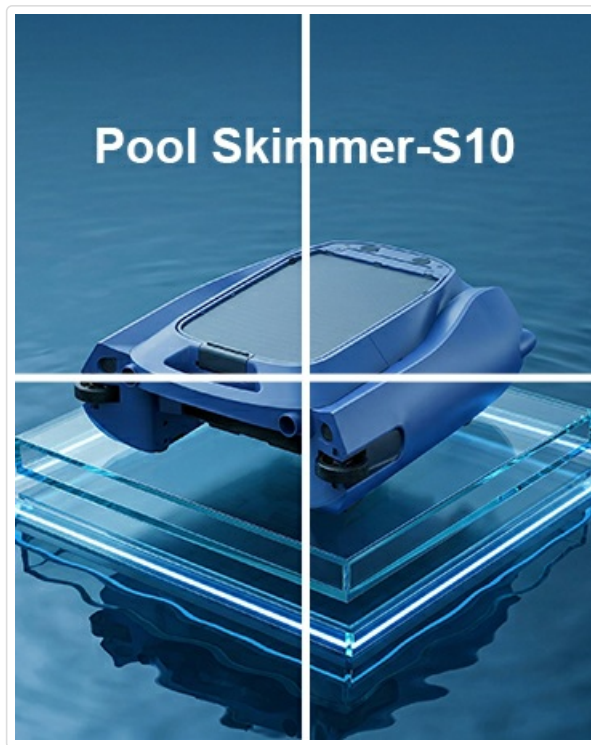
8. PRODUCT SPECIFICATIONS

Feature	Detail
Model	SAT20 PRO
Brand	Zyerch
Power Source	AC/DC (Rechargeable Battery)
Motor Power	180W Brushless
Suction Power	4800 GPH
Battery Type	Lithium-Ion
Battery Capacity	7800 mAh
Runtime	Up to 180 minutes
Charging Time	Approx. 3-4 hours
Max Pool Size	Up to 2100 sq. ft.
Max Water Depth	Up to 9.8 ft
Climbing Ability	Up to 30° slopes
Item Weight	15 Pounds
Product Dimensions	16.7"L x 15.1"W x 9.8"H
Control Method	Touch

9. WARRANTY & SUPPORT

Warranty Information

The Zyerch SAT20 PRO Robotic Pool Cleaner is backed by a Lifetime Full Replacement Warranty and Repair Assistance. For support, please contact Zyerch customer service at Zyerch2510@outlook.com.



This image highlights Zyerch's commitment to customer satisfaction, featuring their logo, the slogan "Your Trusted Partner," and details about their Lifetime Full Replacement Warranty and email support contact.

10. PRODUCT VIDEOS

Video: Pool Vacuum for Inground Pools Review (3:16)

A detailed review showcasing the Zyerch SAT20 PRO Robotic Pool Cleaner's performance in an inground pool, including its movement and cleaning capabilities.

Video: After trying several lesser robots over the years. (1:12)

A user's perspective on the Zyerch SAT20 PRO, highlighting its superior performance compared to previous robotic cleaners they have used.

Video: Honest Review Of Pool Vacuum for Inground Pools, Robotic Pool Cleaner (1:22)

An honest review demonstrating the robotic pool cleaner's effectiveness and features for inground pools.

Video: This Pool Robot Does EVERYTHING | So You Do Not Have To (0:52)

A video highlighting the comprehensive cleaning capabilities of the Zyerch SAT20 PRO, emphasizing its ability to handle various cleaning tasks autonomously.

Video: Does it vacuum my NASTY ALGAE... (0:30)

A short video demonstrating the robotic cleaner's ability to effectively remove algae and other stubborn debris from the pool surface.