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› Dolphin SM20 Robotic Pool Cleaner User Manual

Dolphin SM20

Dolphin SM20 Robotic Pool Cleaner User Manual

Model: SM20 | Brand: Dolphin

1. INTRODUCTION

Thank you for choosing the Dolphin SM20 Robotic Pool Cleaner. This advanced robotic cleaner is designed to provide efficient and thorough cleaning for both in-ground and above-ground pools up to 10 meters in length. It features powerful wall climbing, effective brushing, single-layer filtration, and quick water release for ease of use. Please read this manual carefully before operating your Dolphin SM20 to ensure proper setup, operation, and maintenance, and to maximize its lifespan and performance.



The Dolphin SM20 Robotic Pool Cleaner ready for operation.

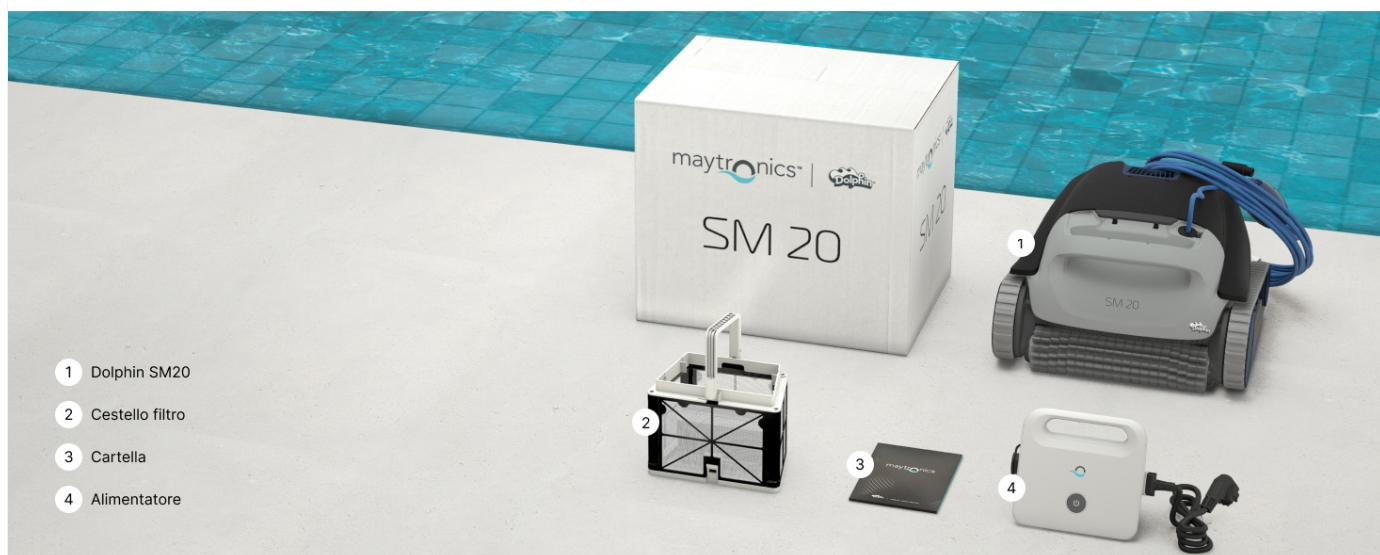
2. SAFETY INFORMATION

Always observe the following safety precautions to prevent damage, injury, or electric shock:

- Ensure the power supply is connected to a grounded outlet.
- Do not operate the cleaner if the power cable is damaged.
- Keep children and pets away from the pool while the cleaner is operating.
- Do not enter the pool while the cleaner is operating.
- Always disconnect the power supply before performing any maintenance or cleaning.
- Use only the original power supply unit provided with the cleaner.
- Avoid operating the cleaner in water temperatures outside the recommended range (typically 6°C - 35°C / 43°F - 95°F).

3. PACKAGE CONTENTS

Verify that all components are present in the package:



Components of the Dolphin SM20 package.

1. Dolphin SM20 Robotic Pool Cleaner
2. Filter Basket
3. User Manual / Documentation
4. Power Supply Unit

4. SETUP

4.1 Power Supply Placement

Place the power supply unit at least 3.5 meters (11.5 feet) from the edge of the pool. Ensure it is in a shaded area and not exposed to direct sunlight or standing water. The power supply is not waterproof and must be protected from moisture.

4.2 Connecting the Cleaner

1. Uncoil the floating cable completely.
2. Connect the floating cable to the power supply unit. Ensure a secure connection.
3. Plug the power supply unit into a grounded electrical outlet.

4.3 Placing the Cleaner in the Pool

Gently immerse the Dolphin SM20 into the pool. Hold it underwater and shake it from side to side to release any trapped air. The cleaner will sink to the bottom of the pool. Ensure the floating cable is spread out on the water surface without tangles.

5. OPERATING INSTRUCTIONS

5.1 Starting a Cleaning Cycle

Once the cleaner is in the pool and the power supply is connected, press the ON/OFF button on the power supply unit. The cleaner will begin its cleaning cycle automatically. The SM20 is designed to clean the pool floor and walls efficiently.

5.2 Key Features in Operation

- **Powerful Wall Climbing:** The Dolphin SM20 is equipped with excellent wall-climbing capabilities, allowing it to effectively clean both the floor and walls of your pool, regardless of shape or surface type.



Potente arrampicata sulle pareti

L'eccellente capacità di arrampicarsi sulle pareti consente di pulire efficacemente sia il fondo che le pareti della piscina, indipendentemente dalla forma o dal tipo di superficie.

The Dolphin SM20 demonstrating its powerful wall-climbing ability.

- **Powerful Brushing:** This robotic pool cleaner features a powerful brush that effectively removes dirt, debris, algae, small leaves, insects, and other particles, ensuring a deep and thorough cleaning.



Spazzolatura potente

Questo robot pulitore per piscine è dotato di una spazzola che elimina efficacemente , sporco, alghe, piccole foglie, insetti e altri detriti, assicurando una pulizia profonda e accurata.

The powerful brush of the Dolphin SM20 in action on the pool floor.

- **Single-Layer Filtration:** The advanced single-layer filtration technology is designed to capture large debris such as leaves and other particles, keeping your pool water clean.



Filtrazione monostrato

Una tecnologia di filtrazione avanzata per accogliere foglie e altri detriti di grandi dimensioni.

The single-layer filter basket for capturing large debris.

5.3 Removing the Cleaner from the Pool

Once the cleaning cycle is complete, or when you wish to remove the cleaner:

1. Turn off the power supply unit and unplug it from the electrical outlet.
2. Gently pull the floating cable to bring the cleaner to the edge of the pool.
3. Use the handle to lift the cleaner out of the water. The Dolphin SM20 features a quick water release mechanism for easy removal.



Uscita rapida dell'acqua

Uscita rapida dell'acqua per una facile rimozione dalla piscina, completata da un'impugnatura ergonomica per un utilizzo senza sforzo.

The quick water release feature facilitates easy removal of the cleaner from the pool.

4. Allow the water to drain completely before placing the cleaner on the pool deck.

6. MAINTENANCE

6.1 Cleaning the Filter Basket

Regular cleaning of the filter basket is crucial for maintaining optimal cleaning performance.

1. Ensure the power supply is disconnected.
2. Open the filter compartment on the top of the cleaner.
3. Remove the filter basket.
4. Empty any collected debris from the basket.
5. Rinse the filter basket thoroughly with a garden hose until all debris is removed.
6. Reinsert the clean filter basket into the cleaner and close the compartment securely.

6.2 General Care and Storage

- After each use, rinse the cleaner with fresh water to remove any pool chemicals or debris.
- Store the cleaner in a shaded, dry place when not in use.
- Avoid leaving the cleaner in direct sunlight for extended periods.
- Periodically check the brushes for wear and tear. Replace them if necessary.
- Ensure the floating cable is coiled loosely and stored properly to prevent tangles and damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Cleaner does not start.	Power supply not connected or turned off.	Check power supply connection and ensure it is plugged in and turned on.
Cleaner moves slowly or inefficiently.	Filter basket is clogged.	Clean the filter basket thoroughly.
Cleaner does not climb walls.	Filter basket is clogged; water chemistry imbalance; worn brushes.	Clean filter basket. Check pool water chemistry. Inspect and replace brushes if worn.
Cleaner cable is tangled.	Improper cable deployment.	Ensure the cable is fully uncoiled and spread out on the water surface before operation. Remove cleaner and untangle cable.
Debris not being picked up.	Filter basket is full or damaged.	Empty and clean the filter basket. Inspect for damage and replace if necessary.

If you encounter issues not listed here or if the problem persists, please contact customer support.

8. SPECIFICATIONS

Brand	Dolphin
Model Name	SM20
Material	Plastic
Power Source	Corded Electric
Special Features	Powerful wall climbing, Powerful brushing, Single-layer filtration, Quick water release
Efficiency	Effective, powerful, and resource-efficient
Assembly Required	No
Warranty Type	Limited
Installation Type	Robotic
Manufacturer	Maytronics
Model Number	99996202

9. WARRANTY AND SUPPORT

The Dolphin SM20 Robotic Pool Cleaner comes with a**2-year limited warranty**. This warranty covers manufacturing defects and ensures reliable operation under normal use conditions. For warranty claims or technical support, please contact Maytronics customer service or your authorized Dolphin dealer.

Maytronics is a global leader in pool cleaning systems, with a long-standing tradition of reliability and customer satisfaction.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question