

## ECOVACS N20 PRO PLUS

# ECOVACS DEEBOT N20 Pro Plus Robot Vacuum and Mop Instruction Manual

Model: N20 PRO PLUS



## 1. INTRODUCTION

Thank you for choosing the ECOVACS DEEBOT N20 Pro Plus Robot Vacuum and Mop. This advanced cleaning device is designed to provide efficient and autonomous floor care for your home. This manual will guide you through the setup, operation, and maintenance of your DEEBOT to ensure optimal performance and longevity.



*Image: The DEEBOT N20 Pro Plus robot vacuum, its auto-empty station, and the ECOVACS HOME app interface on a smartphone.*

## 2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before using your DEEBOT N20 Pro Plus and keep them for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Do not allow the DEEBOT to pick up large objects, liquids, or burning/smoking materials.
- Ensure the charging station is placed on a level surface against a wall, with adequate clear space around it.
- Do not operate the DEEBOT in areas with exposed electrical outlets or standing water.
- Only use the original power adapter and charging station provided by ECOVACS.
- Before cleaning, remove loose cables, small objects, and fragile items from the floor.

### 3. PACKAGE CONTENTS

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Verify that all components are present in your package:

- ECOVACS DEEBOT N20 Pro Plus Robot Vacuum
- Auto-Empty Station
- Power Cord
- Side Brushes (2 pairs)
- Main Brush (pre-installed)
- OZMO Pro 2.0 Mopping Plate with Mop Pad
- Water Tank (integrated)
- Instruction Manual

### 4. PRODUCT OVERVIEW

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The DEEBOT N20 Pro Plus combines powerful vacuuming with advanced mopping capabilities, designed for comprehensive floor cleaning.

#### Key Features:

- **8000 Pa Powerful Suction:** Ensures thorough cleaning of floors and carpets, effectively removing dust and debris.
- **ZeroTangle Technology:** Prevents hair entanglement on the main brush, simplifying maintenance and ensuring consistent cleaning performance.
- **OZMO Pro 2.0 Vibrating Mopping System:** Utilizes high-frequency vibrations to tackle stubborn stains, providing a deep and effective wet cleaning.
- **PureCyclone Auto-Empty Station:** Features a consumable-free dust container with a 4-stage filtration system, offering up to 45 days of autonomous cleaning without manual emptying.
- **TrueMapping Intelligent Path Planning:** Uses radar laser scanning for precise navigation and rapid mapping, ensuring systematic and efficient coverage of your home.
- **300 Minutes Runtime:** A 5200mAh battery provides extended cleaning sessions, covering large areas on a single charge.
- **20mm Threshold Crossing:** High-traction wheels allow the DEEBOT to effortlessly climb over obstacles up to 20mm.
- **ECOVACS HOME App Control:** Offers customizable cleaning settings, scheduling, and virtual boundary management for a personalized cleaning experience.



# 8000 Pa

## Ne laisse aucun désordre derrière

*Image: The DEEBOT N20 Pro Plus demonstrating its 8000 Pa suction power on a hard floor.*

## 5. SETUP

### 5.1 Unpacking and Placement

1. Remove all packaging materials and protective films from the DEEBOT and the auto-empty station.
2. Place the auto-empty station on a hard, level surface against a wall. Ensure there is at least 0.5 meters (1.6 feet) of clear space on both sides and 1.5 meters (4.9 feet) in front of the station for optimal navigation.
3. Connect the power cord to the auto-empty station and plug it into a power outlet.

### 5.2 Installing Components

- **Side Brushes:** Press the side brushes onto the posts at the bottom of the DEEBOT until they click into place. Match the colors (if applicable).
- **Main Brush:** The main brush is typically pre-installed. If not, open the main brush cover, insert the brush, and close the cover.

- **Mop Pad:** Attach the mop pad to the OZMO Pro 2.0 mopping plate.

## 5.3 Initial Charging

Place the DEEBOT onto the auto-empty station. Ensure the charging contacts on the DEEBOT align with those on the station. The DEEBOT will begin charging automatically. For first-time use, fully charge the DEEBOT for at least 6 hours.

## 5.4 Connecting to the ECOVACS HOME App

1. Download the **ECOVACS HOME** app from the App Store (iOS) or Google Play Store (Android).
2. Register for an account and log in.
3. Follow the in-app instructions to add your DEEBOT N20 Pro Plus. This typically involves scanning a QR code on the robot and connecting to your home Wi-Fi network.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Starting a Cleaning Cycle

- **Via DEEBOT:** Press the Auto Mode Button on the DEEBOT once to start an automatic cleaning cycle. Press again to pause.
- **Via ECOVACS HOME App:** Open the app, select your DEEBOT, and tap 'Start' for an automatic cleaning cycle. You can also choose specific cleaning modes (e.g., Area Clean, Custom Clean) and adjust settings.

### 6.2 Using the Mopping Function (OZMO Pro 2.0)

1. Fill the integrated water tank with clean water. Do not use cleaning solutions not approved by ECOVACS.
2. Attach a clean mop pad to the OZMO Pro 2.0 mopping plate.
3. Slide the mopping plate into the bottom of the DEEBOT until it clicks into place.
4. Start a cleaning cycle. The DEEBOT will automatically detect the mopping plate and begin vacuuming and mopping simultaneously.
5. Adjust water flow levels via the ECOVACS HOME app as needed.





*Image: The DEEBOT N20 Pro Plus utilizing its OZMO Pro 2.0 vibrating mopping system.*

### 6.3 Smart Navigation and Mapping (TrueMapping)

The DEEBOT uses TrueMapping technology for precise navigation. During its first cleaning cycle, it will create a map of your home. This map can be viewed and customized in the ECOVACS HOME app to set virtual boundaries, no-go zones, and specific cleaning areas.



# Technologie TrueMapping

Cartographie rapide, planification intelligente des chemins

*Image: The DEEBOT N20 Pro Plus employing TrueMapping for intelligent path planning.*

## 6.4 Threshold Crossing

The DEEBOT N20 Pro Plus is designed to cross thresholds up to 20mm (0.79 inches) in height. Ensure that obstacles are within this height limit for uninterrupted cleaning.





**Nettoyage fluide et ininterrompu pour toutes les pièces**

*Image: The DEEBOT N20 Pro Plus navigating a 20mm threshold, highlighting its anti-fall sensors and 300-minute runtime.*

## 7. MAINTENANCE

Regular maintenance is crucial for the optimal performance and lifespan of your DEEBOT N20 Pro Plus.

### 7.1 Auto-Empty Station and Dust Container

- The auto-empty station automatically empties the DEEBOT's internal dustbin. The station's large, consumable-free dust container can hold debris for up to 45 days.
- To empty the station's dust container: Open the top cover of the station, remove the container, and dispose of the contents. Reinsert the container securely.
- Clean the station's filter periodically by rinsing it with water and allowing it to air dry completely before reinstallation.





Image: The PureCyclone auto-empty station of the DEEBOT N20 Pro Plus, highlighting its bagless design and 45-day capacity.



**VS**



- ✗ Perte d'aspiration au fil des utilisations
- ✗ Coûts supplémentaires pour les sacs
- ✗ Colmatage du filtre
- ✗ Lancer de sacs en désordre

- ✓ Aspiration toujours puissante
- ✓ Pas de sacs, pas de frais supplémentaires
- ✓ Pas d'accrocs, parfait pour les animaux de compagnie
- ✓ Vidange sans contact

# Pourquoi sans sac ?

*Image: A visual comparison between traditional dust bags and the DEEBOT N20 Pro Plus's bagless, eco-friendly dust container.*

## 7.2 Main Brush (ZeroTangle)

- Despite ZeroTangle technology, periodically check the main brush for any accumulated hair or debris.
- Remove the main brush cover, lift out the brush, and use the cleaning tool (if provided) to cut and remove any tangled hair.
- Reinstall the main brush and cover.

# 0% Emmêlé



## Technologie ZeroTangle

Dites adieu au nettoyage des brosses

*Image: A comparison illustrating the effectiveness of ZeroTangle technology against traditional brushes for hair management.*

### 7.3 Side Brushes

Remove the side brushes and clean any hair or debris wrapped around them. If the brushes are worn or damaged, replace them with new ones.

### 7.4 Filters (4-Stage Filtration)

The DEEBOT N20 Pro Plus features a 4-stage filtration system. The high-efficiency filter should be cleaned regularly and replaced every 3-6 months, depending on usage. Tap out loose dirt and rinse with water if applicable (check specific model instructions for filter type). Ensure it is completely dry before reinstallation.

### 7.5 Sensors and Charging Contacts

Wipe all sensors (anti-drop, anti-collision, TrueMapping laser) and charging contacts on both the DEEBOT and the station with a clean, dry cloth to ensure proper function.

### 7.6 Mop Pad and Water Tank



- After each mopping cycle, remove the mop pad from the mopping plate and wash it. Allow it to air dry completely.
- Empty any remaining water from the water tank and rinse it. Allow it to air dry to prevent mold or odors.

## 8. TROUBLESHOOTING

If you encounter issues with your DEEBOT N20 Pro Plus, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
DEEBOT does not start or respond.	Low battery; Power switch off; Robot stuck.	Charge the DEEBOT; Ensure power switch is ON; Clear obstacles.
Poor cleaning performance.	Full dustbin; Clogged brushes/filters; Worn brushes.	Empty dustbin; Clean/replace brushes and filters.
DEEBOT cannot return to charging station.	Charging station blocked; DEEBOT too far; Dirty charging contacts.	Ensure clear path to station; Place DEEBOT closer; Clean contacts.
Mopping function not working.	Empty water tank; Mop pad not attached; Water outlet clogged.	Fill water tank; Attach mop pad correctly; Clean water outlet.
App connectivity issues.	Incorrect Wi-Fi password; Router issues; DEEBOT offline.	Verify Wi-Fi credentials; Restart router; Re-pair DEEBOT with app.

For more detailed troubleshooting or persistent issues, please refer to the ECOVACS HOME app or contact customer support.

## 9. SPECIFICATIONS

Feature	Specification
Brand	ECOVACS
Model Name	N20 PRO PLUS
Color	Black
Product Dimensions (L x W x H)	35.1 x 35.3 x 9.6 cm
Item Weight	10.2 Kilograms
Battery Life	5 hours (300 minutes)
Power Source	Battery Powered
Control Method	Application
Compatible Devices	Smartphone
Special Feature	Self-Emptying
Suction Power	8000 Pa



Feature	Specification
Dust Separation Rate	95% (PureCyclone Technology)
Threshold Crossing Capability	20mm



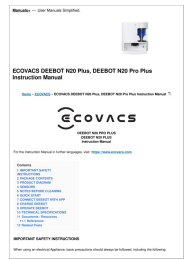


## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official ECOVACS website. You can also contact ECOVACS customer service through the ECOVACS HOME app for assistance.



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### Related Documents - N20 PRO PLUS

	<p><a href="#">ECOVACS DEEBOT T50 OMNI: Powerful Robot Vacuum with Intelligent OMNI Station</a></p> <p>Discover the ECOVACS DEEBOT T50 OMNI, a slim and powerful robot vacuum featuring 15,000 Pa suction, intelligent OMNI station with hot water washing and drying, YIKO voice control, and advanced navigation technologies for a spotless home.</p>
	<p><a href="#">ECOVACS DEEBOT N20 PRO PLUS : Robot Aspirateur Intelligent avec Station Auto-Vidante</a></p> <p>Découvrez le DEEBOT N20 PRO PLUS d'ECOVACS, un robot aspirateur avancé doté de la technologie PureCyclone, d'une navigation TrueMapping et d'une station d'auto-vidage sans sac pour un nettoyage sans effort.</p>
	<p><a href="#">ECOVACS DEEBOT N20 Plus, DEEBOT N20 Pro Plus Robot Vacuum Cleaner Instruction Manual</a></p> <p>Comprehensive instruction manual for the ECOVACS DEEBOT N20 Plus and DEEBOT N20 Pro Plus robot vacuum cleaners, covering setup, operation, safety, maintenance, and technical specifications. Includes details on product features, sensors, app connectivity, and disposal guidelines.</p>
	<p><a href="#">ECOVACS DEEBOT N8 Black User Manual</a></p> <p>User manual for the ECOVACS DEEBOT N8 Black robot vacuum cleaner, including setup, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">ECOVACS DEEBOT N20 PRO PLUS User Manual</a></p> <p>Comprehensive user manual for the ECOVACS DEEBOT N20 PRO PLUS robot vacuum cleaner, covering safety instructions, setup, operation, features, product schematics, sensors, app connectivity, and technical specifications.</p>

