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OTOTEC Silver Ion Module

OTOTEC Silver Ion Module Replacement for Dreame Robot Cleaners

User Manual

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the OTOTEC Silver Ion Module. This module is designed as a replacement component for compatible Dreame robot vacuum cleaners, enhancing their cleaning capabilities by releasing silver ions into the water.

2. PRODUCT OVERVIEW

The OTOTEC Silver Ion Module is an accessory designed to integrate with your robot vacuum cleaner's water system. It contains Ag⁺ ions and built-in beads. As water flows through the module, silver ions are continuously released, contributing to the physical cleaning process of surfaces. The internal beads move with the water flow, aiding in the module's function.



Figure 1: OTOTEC Silver Ion Module components. The package includes one white rectangular module and one blue cylindrical module.

3. COMPATIBILITY

This silver ion module is compatible with the following Dreame robot vacuum cleaner series:

- Dreame L20 Ultra Series
- Dreame X10 Series
- Dreame S10 Series
- Dreame W10S Series
- Dreame S20 Series
- Dreame X20 Series

4. INSTALLATION INSTRUCTIONS

Follow these steps to install the silver ion module into your compatible Dreame robot vacuum cleaner:

1. **Open the Lid:** Locate and open the lid of the clean water tank on your robot vacuum cleaner.
2. **Remove Water Pipe:** Carefully remove the clean water pipe from its position within the clean water tank.
3. **Insert Silver Ion Module:** Insert the silver ion module into the middle of the water pipe. For the first installation, the front of the pipe may be relatively tight. It may be necessary to pinch the pipe slightly and insert the module with gentle force.
4. **Reinsert Water Pipe:** Insert the water pipe back into the drain of the clean water tank. Ensure a

slight amount of force is used to firmly attach the pipe to the bottom of the tank.

INSTALLATION

01

Open the lid of the clean water tank

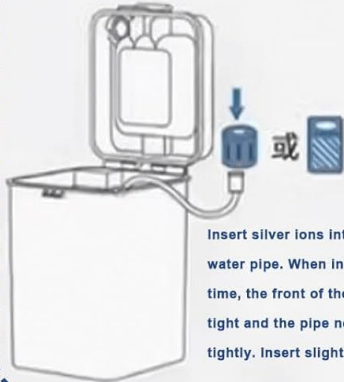


02

Remove the clean water pipe from the clean water tank



03



Insert silver ions into the middle of the water pipe. When inserting for the first time, the front of the pipe may be relatively tight and the pipe needs to be pinched tightly. Insert slightly with force.

04



Inserting the water pipe back into the drain of the clean water tank requires a slight amount of force, and the pipe should be firmly attached to the bottom.

Figure 2: Step-by-step installation guide for the silver ion module.

Robot vacuum cleaner replaces silver ion module



Figure 3: The silver ion module correctly installed within the robot vacuum cleaner's water tank.

5. OPERATION

Once installed, the silver ion module operates automatically with your robot vacuum cleaner. When the device is active and using water for cleaning, the module will continuously release Ag⁺ ions into the water. This process contributes to maintaining a cleaner floor surface.

6. MAINTENANCE

The silver ion module is a consumable item and requires periodic replacement to maintain optimal performance. The frequency of replacement depends on usage. When the module's effectiveness diminishes, or as recommended by your robot vacuum cleaner's manufacturer, replace it with a new OTOTEC Silver Ion Module by following the installation steps outlined in Section 4.

7. SPECIFICATIONS

Key dimensions of the OTOTEC Silver Ion Module are as follows:

- **Rectangular Module:** Approximately 41 mm (length) x 25 mm (width) x 20 mm (height)
- **Cylindrical Module:** Approximately 25 mm (diameter) x 20 mm (height)
- **Item Weight:** Approximately 1.06 ounces (total for both modules)

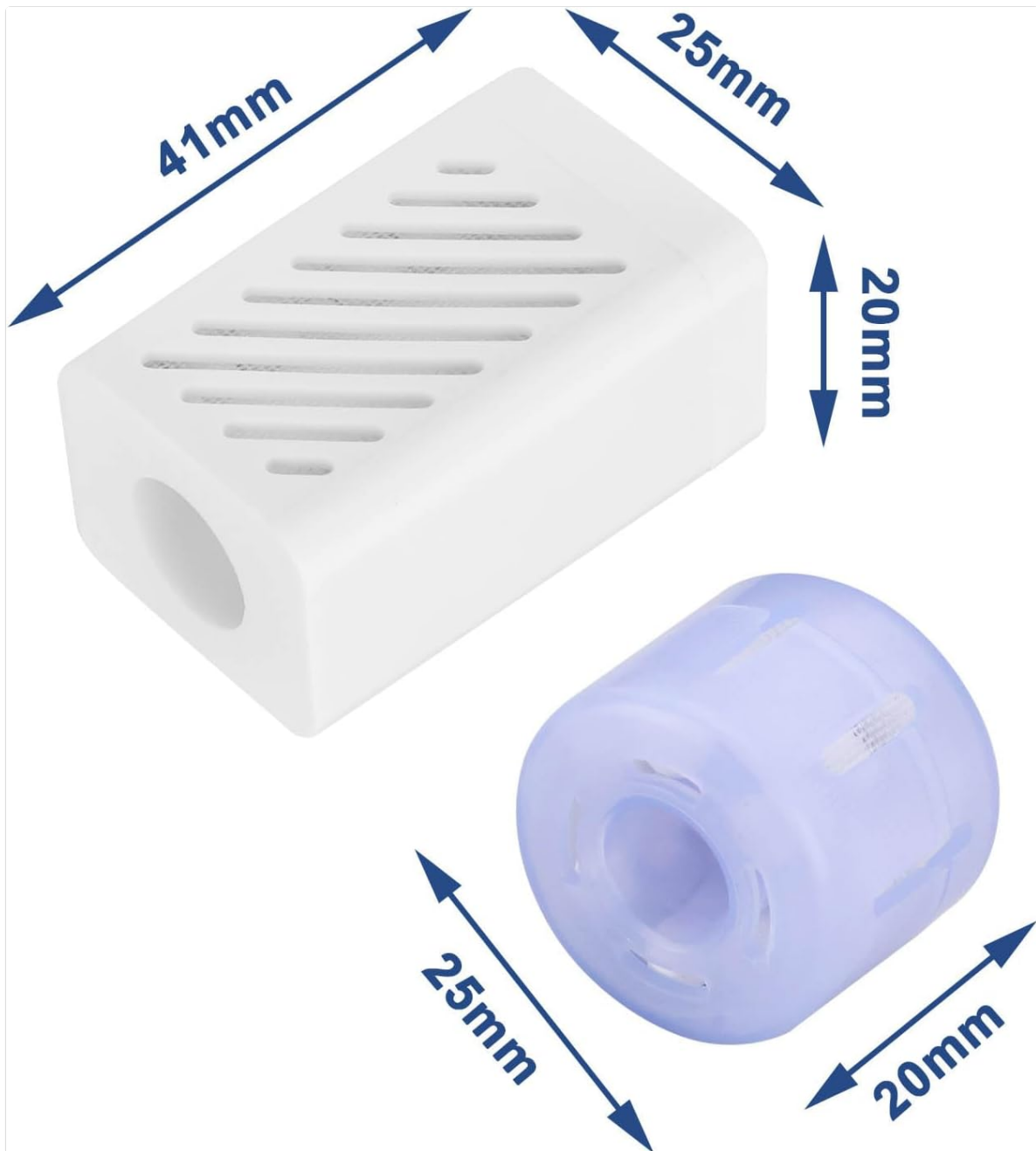


Figure 4: Dimensions of the silver ion modules.

8. TROUBLESHOOTING

If you experience issues after installing the silver ion module, consider the following:

- **Module Not Fitting:** Ensure the water pipe is correctly aligned and apply gentle, even pressure. If the pipe is tight, carefully pinch it slightly to aid insertion.
- **Water Leakage:** Verify that the water pipe is firmly attached to both the module and the clean water tank drain. Ensure all connections are secure.
- **No Perceived Effect:** The effect of silver ions is a physical cleaning process, not always immediately visible. Ensure the module is correctly installed and the robot vacuum is operating as usual.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your OTOTEC Silver Ion Module, please refer to the product packaging or contact the manufacturer directly through their official support channels. Keep your purchase receipt for any warranty claims.