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› AQUADYNE RO Service Kit for Aquasure Desire RO UV MTDS Water Purifier - Instruction Manual

AQUADYNE Aquasure Desire RO UV MTDS

AQUADYNE RO Service Kit for Aquasure Desire RO UV MTDS Water Purifier

Model: Aquasure Desire RO UV MTDS

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your AQUADYNE RO Service Kit, specifically designed for the Aquasure Desire RO UV MTDS Water Purifier. Please read this manual thoroughly before proceeding with any steps to ensure proper functioning and longevity of your water purification system.

PRODUCT OVERVIEW AND COMPONENTS

The AQUADYNE RO Service Kit is a complete filter replacement set for the Aquasure Desire RO UV MTDS Water Purifier. It includes various filters and components necessary for comprehensive servicing.

Included Components

The kit contains the following items:

- 1 DS Carbon 10.5 (Premium grade activated carbon filter)
- 1 DS Mineral 4 (Mineral cartridge for taste enhancement)
- 1 DS Sediment 10.5 (Poly Propylene meltblown fabric Spun filter)
- RO Membrane 10.5 (75 GPD Thin Film Coated (TFC) food grade Poly Amide sheet)
- 9 Elbow Connectors
- 2 Meter Pipe
- Flow Restrictor
- 1 UV Lamp 6 (Osram Make)

Each component plays a crucial role in the multi-stage purification process, ensuring clean and safe drinking water.



Image: A visual representation of the AQUADYNE RO Service Kit, showing the various filters, RO membrane, UV lamp, and connection accessories included in the package.

SETUP AND INSTALLATION

This section outlines the steps for installing the AQUADYNE RO Service Kit components into your Aquasure Desire RO UV MTDS Water Purifier. It is recommended to follow these instructions carefully.

Before You Begin

- Ensure the water purifier is disconnected from the power supply.
- Turn off the water supply to the purifier.
- Have a clean cloth and a bucket ready for any water spills.
- Identify the location of each filter and component within your Aquasure Desire RO UV MTDS system.

Step-by-Step Installation

1. **Drain the System:** Open the faucet of your water purifier to drain any remaining water from the system.
2. **Remove Old Filters:** Carefully disconnect and remove the old Carbon Filter, Sediment Filter, and RO Membrane. Note their orientation and connections.
3. **Install New Sediment Filter:** Insert the new DS Sediment 10.5 filter into its housing. Ensure it is seated correctly and the housing is securely tightened.
4. **Install New Carbon Filter:** Insert the new DS Carbon 10.5 filter into its housing. Ensure it is seated correctly and the housing is securely tightened.
5. **Install New RO Membrane:** Carefully unwrap the new RO Membrane 10.5. Insert it into the membrane housing, ensuring the O-rings are properly seated. Secure the housing cap.

6. **Install New UV Lamp:** Replace the old UV Lamp 6 with the new one. Handle the new lamp by its ends to avoid touching the glass. Ensure it is securely fitted.
7. **Install Mineral Cartridge:** Connect the DS Mineral 4 cartridge post-RO membrane, as indicated in your purifier's original diagram. Use the provided elbow connectors and pipe as needed.
8. **Connect Pipes and Elbows:** Use the provided 9 Elbow Connectors and 2 Meter Pipe to re-establish all connections. Ensure all connections are tight to prevent leaks.
9. **Install Flow Restrictor:** Ensure the Flow Restrictor is correctly installed in the wastewater line, as per your purifier's design.
10. **Flush the System:** After installation, turn on the water supply slowly. Check for any leaks. Allow the system to flush for approximately 10-15 minutes by letting water run through the faucet. This helps remove any carbon fines from the new filters.
11. **Reconnect Power:** Once flushing is complete and no leaks are detected, reconnect the power supply to the water purifier.

For additional assistance, tele and video guided installation support is available. Contact details are provided in the Support section.

OPERATING INSTRUCTIONS

After successfully installing the AQUADYNE RO Service Kit, your Aquasure Desire RO UV MTDS Water Purifier is ready for operation.

- **Initial Operation:** Allow the purifier to fill its storage tank completely. The first tank of purified water should be discarded to ensure any residual impurities from new filters are flushed out.
- **Regular Use:** Your purifier will now operate automatically, providing purified water as needed.
- **Monitoring:** Pay attention to the taste and odor of the water. Any unusual changes may indicate a need for further inspection or troubleshooting.

MAINTENANCE GUIDELINES

Regular maintenance ensures the optimal performance and longevity of your Aquasure Desire RO UV MTDS Water Purifier with the AQUADYNE RO Service Kit.

- **Filter Replacement Schedule:** The filters in this kit are designed for a specific lifespan. It is recommended to replace the Sediment and Carbon filters every 6-12 months, and the RO Membrane every 1-2 years, depending on water quality and usage. The UV lamp typically requires replacement annually.
- **System Cleaning:** Periodically clean the exterior of the water purifier with a soft, damp cloth. Do not use harsh chemicals.
- **Leak Checks:** Regularly inspect all connections for any signs of leaks. Address any leaks immediately to prevent damage.

TROUBLESHOOTING COMMON ISSUES

This section provides solutions for common problems you might encounter after servicing your water purifier.

| Problem | Possible Cause | Solution |
|----------------|---|--|
| Low Water Flow | Clogged filters (Sediment/Carbon) or RO membrane. Low water pressure. | Check water supply pressure. Ensure new filters are correctly installed. If flow remains low, the RO membrane might be clogged prematurely (rare for new). |

| Problem | Possible Cause | Solution |
|----------------------|--|---|
| Unusual Taste/Odor | New carbon filter needs flushing. Contamination in the system. | Flush the system for a longer period (30 minutes). Ensure all connections are secure. If taste persists, contact support. |
| Water Leakage | Loose connections or improperly seated O-rings. Cracked housing. | Turn off water supply and power. Inspect all connections and O-rings. Tighten any loose fittings. If a housing is cracked, it may need replacement. |
| UV Lamp Not Lighting | Faulty UV lamp or ballast. Loose connection. | Ensure the UV lamp is correctly seated and connected. Check power supply. If still not working, contact support. |

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact AQUADYNE customer support.

PRODUCT SPECIFICATIONS

This AQUADYNE RO Service Kit is designed for the Aquasure Desire RO UV MTDS Water Purifier.

- **Material:** Plastic
- **Included Components:** 1 DS Carbon 10.5, 1 DS Mineral 4, 1 DS Sediment 10.5, RO Membrane 10.5, 9 Elbow Connectors, 2 Meter Pipe, Flow Restrictor, 1 UV Lamp 6
- **RO Membrane GPD:** 75 GPD (Gallons Per Day)
- **UV Lamp Make:** Osram
- **Country of Origin:** India
- **Manufacturer:** Aquadyne Appliances Private Limited

WARRANTY AND CUSTOMER SUPPORT

For any queries or questions regarding the AQUADYNE RO Service Kit or its installation, please contact our customer support.

- **Tele and Video Guided Installation Support:** Available to assist customers with self-installation.
- **Manufacturer Contact:** Aquadyne Appliances Private Limited, Plot No. 194, Sector 27 - 28 Industrial Area, Hisar - 125001, Haryana.
- **Phone:** 9728755877
- **Email:** help@aquadyne.in

Note: This filter kit is an aftermarket compatible product and is not manufactured or endorsed by Aquasure. The use of "Aquasure" is for identification purposes only, indicating compatibility with the mentioned model under Section 30(2)(d) of the Indian Trademarks Act, 1999.

VIDEO RESOURCES

No specific official product video URLs were provided in the product data for embedding. For video guidance, please utilize the tele and video guided installation support mentioned in the Warranty and Customer Support section.